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NEW YORK UNIV BRONX GEOPHYSICAL SCIENCES LAB

F/G 4/2

A THREE DIMENSIONAL MODEL OF THE WIND DRIVEN HORIZONTAL VELOCIT--ETC(U)

OCT 63 E S HASSAN, F D MALONE

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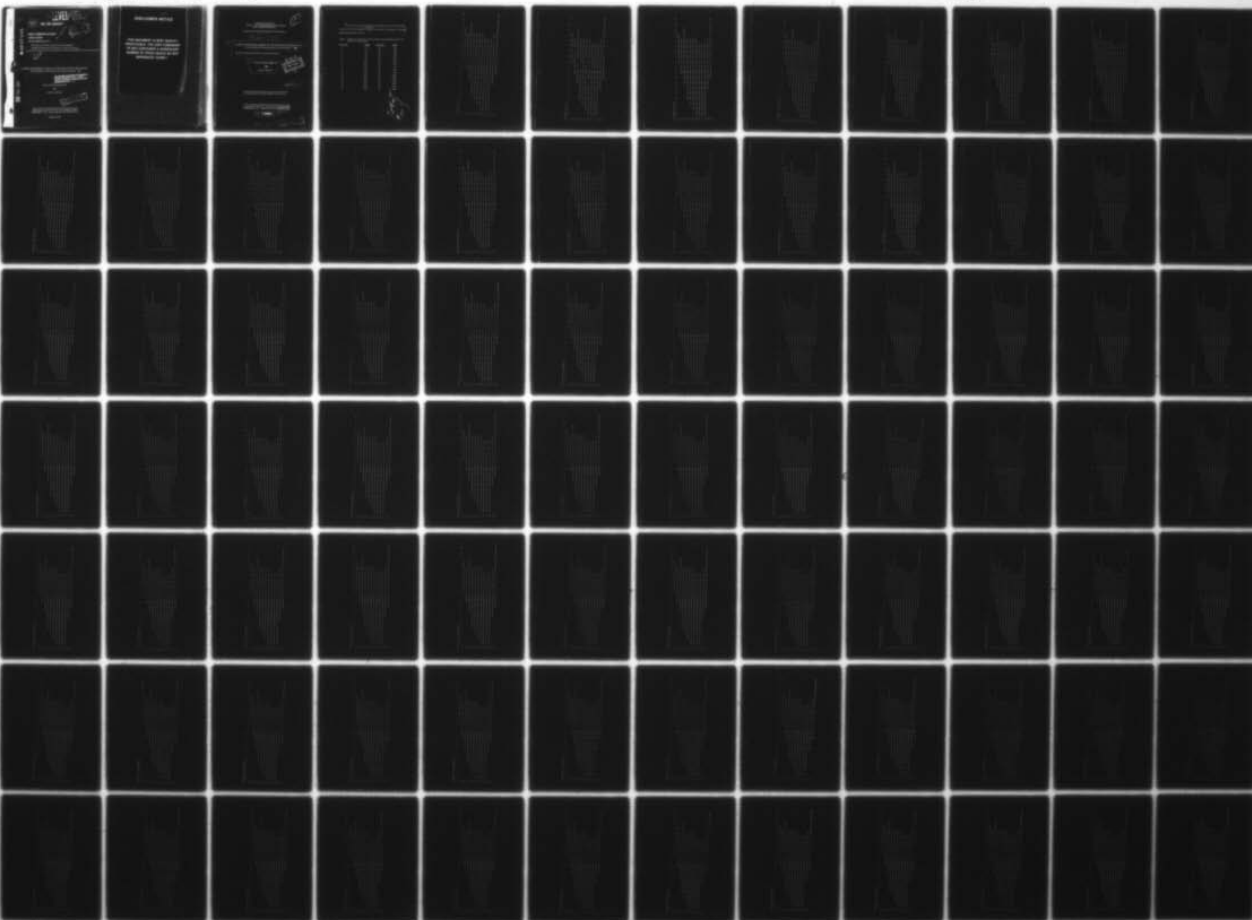
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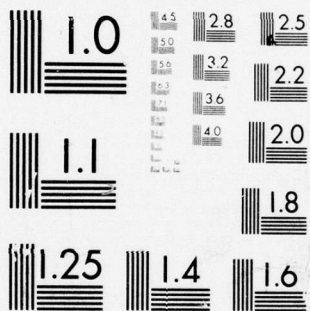
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MICROCOPY RESOLUTION TEST CHART
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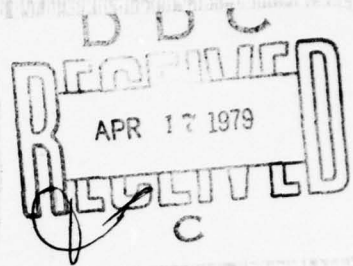
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Part II

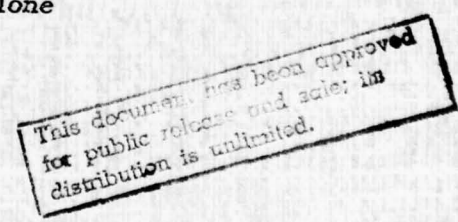
A THREE DIMENSIONAL MODEL OF THE WIND DRIVEN HORIZONTAL
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El Sayed Mohamed Hassan

and

Frank D. Malone



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October 1963

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Department of Meteorology and Oceanography

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A THREE DIMENSIONAL MODEL OF THE WIND DRIVEN HORIZONTAL
VELOCITIES IN THE NORTH ATLANTIC OCEAN. ~~III~~

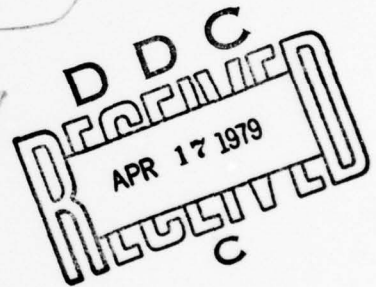
Part II. Spring Circulation in the North Atlantic,

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El Sayed Mohamed/Hassan

and

Frank D./Malone



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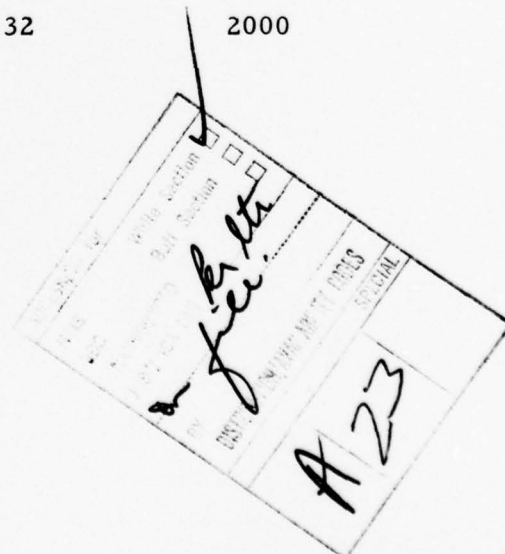
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↘ Stream functions and velocities at selected levels for the Spring
 season in the North Atlantic ^{are tabulated.} Depth of selected levels appear in Tables ⁹ 1.
 Explanation appear in Part I. ↗

Table I: Depths in meters of levels at which stream functions and velocities were computed.

<u>Level No.</u>	<u>Depth</u>	<u>Level No.</u>	<u>Depth</u>
1	0	17	320
2	20	18	340
3	40	19	360
4	60	20	380
5	80	21	400
6	100	22	500
7	120	23	600
8	140	24	700
9	160	25	800
10	180	26	900
11	200	27	1000
12	220	28	1200
13	240	29	1400
14	260	30	1600
15	280	31	1800
16	300	32	2000



32.2M	-0.500E-00	0.1800E-00	0.1800E-00	0.2600E-00	0.1600E-00
32.2M	-0.2200E-00	0.8000E-01	0.5000E-01	-0.5000E-01	0.
47.2M	0.4800E-01	-0.3000E-01	-0.2000E-01	0.1800E-00	0.
42.2M	-0.2600E-00	-0.2900E-00	-0.1800E-00	-0.1600E-00	0.
37.2M	-0.2900E-00	-0.4700E-00	-0.3100E-00	-0.1800E-00	-0.9600E-01
32.2M	-0.2200E-00	-0.4900E-01	-0.1500E-00	-0.3000E-01	0.5000E-01
27.2M	-0.1200E-00	-0.7000E-00	-0.1300E-00	-0.4000E-01	-0.6000E-01
22.2M	-0.1100E-00	-0.2000E-00	-0.1000E-02	-1.0000E-02	-0.3000E-01
17.2M	-0.5000E-01	-0.2100E-00	-0.1600E-00	-0.9000E-01	-0.1200E-00
12.2M	-0.2700E-00	-0.4900E-00	-0.2900E-00	-0.9000E-01	-0.1000E-00
07.2M	-0.3900E-00	-0.5000E-00	-0.1200E-01	-0.1000E-01	-0.1000E-02
02.2M	-0.4500E-00	-0.3000E-00	-0.1800E-00	-0.2400E-00	-0.3000E-01

[illegible]

[illegible]

[illegible]

[illegible]

07.5E

51.2M	0.2475E 09	0.6304E 08	0.7751E 08	0.1866E 08	-0.1459E 07	-0.2843E 08
52.2M	0.7638E 08	-0.3311E 08	-0.2530E 08	-0.4540E 08	-0.1629E 08	-0.1478E 08
53.2M	-0.5713E 08	-0.6387E 08	-0.4242E 08	-0.5038E 08	-0.2236E 08	-0.1889E 08
54.2M	-0.1304E 07	-0.1624E 08	-0.4401E 08	-0.7352E 08	-0.6793E 08	-0.8157E 08
55.2M	-0.8682E 08	-0.2453E 08	-0.6147E 08	-0.5139E 08	-0.8141E 08	-0.4798E 08
56.2M	-0.2748E 04	-0.7915E 08	-0.8727E 08	-0.1779E 09	-0.7560E 08	-0.1257E 09
57.2M	-0.4005E 04	-0.3476E 04	-0.9360E 08	-0.2786E 09	-0.6139E 08	-0.2228E 09
58.2M	-0.2431E 04	-0.3045E 08	-0.2666E 08	-0.1698E 09	0.4316E 07	-0.1177E 09
59.2M	-0.1609E 04	-0.2878E 08	-0.1415E 09	-0.0284E 07	-0.7017E 08	-0.2504E 08
60.2M	0.4103E 08	0.3038E 08	0.2468E 08	-0.8311E 07	-0.4971E 07	0.5388E 07
61.2M	0.2059E 09	0.2561E 08	0.1703E 09	0.2108E 08	0.1189E 09	-0.1335E 08
62.2M	0.1933E 09	-0.2348E 08	0.1021E 04	-0.6314E 08	0.5200E 08	-0.9034E 08
63.2M	0.2947E 07	-0.9613E 08	0.3642E 08	-0.7152E 08	0.2814E 08	-0.1569E 08

FOURIER EXPANSION OF THE STRAP FUNCTION COMPONENT No. 5

	82.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5M	07.5C
57.5M																		
52.5M																		
47.5M																		
42.5M																		
37.5M																		
32.5M																		
27.5M																		
22.5M																		
17.5M																		
12.5M																		
07.5M																		
02.5M																		

0.2151L 03 0.8139E 08 0.7187E 08 0.2842E 08 -0.1231E 07 -0.1052E 08

C.7658E 08 -0.2541C 08 -0.2541E 08 -0.4847E 08 -0.4188E 08 -0.1790E 08 -0.1466E 08 0.1178E 07

-0.5354E 08 -0.3483E 08 -0.6456E 08 -0.4344E 08 -0.6102E 08 -0.2430E 08 -0.1701E 08 -0.7801E 06 0.5548E 07 0.4824E 07 -0.6506E 07

0.1603E 05 -0.1484E 08 -0.3368E 08 -0.7193E 08 -0.7648E 08 -0.8044E 08 -0.6044E 08 -0.6570E 08 -0.4603E 08 -0.2397E 08 -0.2172E 07 0.1172E 08

-0.9066E 08 -0.2848E 08 -0.2174E 09 -0.9512E 08 -0.1636E 09 -0.5546E 08 -0.8014E 08 -0.7370E 08 -0.6711E 08 -0.6244E 08 -0.5337E 08 -0.2450E 08 -0.1590E 08 0.8710E 07 0.1604E 08

-0.2632E 09 -0.8796E 08 -0.2174E 09 -0.9512E 08 -0.1636E 09 -0.5546E 08 -0.8014E 08 -0.7370E 08 -0.6711E 08 -0.6244E 08 -0.5337E 08 -0.2450E 08 -0.1590E 08 0.8710E 07 0.1604E 08

-0.3763E 09 -0.9330E 08 -0.3144E 09 -0.1016E 09 -0.2448E 09 -0.4031E 08 -0.1003E 09 -0.7546E 08 -0.1162E 09 -0.6665E 08 -0.3747E 08 -0.4202E 08 -0.3390E 08 0.3720E 07 0.1380E 08

-0.2644E 09 -0.4273E 08 -0.2187E 09 -0.4520E 08 -0.1769E 09 -0.1879E 08 -0.1219E 09 0.1002E 08 -0.6469E 08 0.8163E 08 -0.2259E 08 0.4262E 08 0.1317E 08 0.8319E 08

-0.1744E 09 -0.3674E 08 -0.1487E 09 -0.3568E 08 -0.1217E 09 -0.2453E 08 -0.7546E 08 0.8524E 07 -0.1929E 08 0.4374E 08 0.7544E 07 0.8332E 08 0.4637E 08 0.9111E 08

0.4622E 08 0.3393E 08 0.2273E 08 -0.1923E 07 -0.1661E 08 -0.2223E 08 -0.1134E 08 0.1031E 08 0.3468E 08 0.4703E 08 0.5418E 08 0.4671E 08 0.4733E 08 0.2026E 08

0.2088E 09 0.3727E 08 0.1735E 09 0.3670E 08 0.1220E 09 0.4415E 07 0.4398E 07 -0.4072E 08 -0.8479E 07 -0.4747E 08

0.2082E 09 -0.1142E 08 0.1112E 09 -0.4619E 08 0.5801E 08 -0.7027E 08 0.3204E 08 -0.7324E 08 0.5224E 07 -0.7317E 08 0.2478E 07 -0.4887E 08

[illegible]

FOURIER EXPANSION OF THE STREAM FUNCTION COMPONENT NO. 8

	82.5	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	7.5	02.5	07.5E
57.5M																		
52.5M																		
47.5M																		
42.5M																		
37.5M																		
32.5M																		
27.5M																		
22.5M																		
17.5M																		
12.5M																		
07.5M																		
02.5M																		

0.1635E 09 0.1022E 09 0.3866E 08 0.3597E 08 0.3781E 07 -0.1227E 08

0.7243E 08 0.2483E 07 -0.1942E 08 -0.2719E 08 -0.2172E 08 -0.1072E 08 -0.2650E 07

-0.4072E 08 -0.3542E 08 -0.5317E 08 -0.4946E 08 -0.4653E 08 -0.2946E 08 -0.1614E 08 -0.2758E 07 0.7058E 07 0.6103E 07 -0.3379E 07

-0.1408E 08 -0.1028E 08 -0.3788E 08 -0.6592E 08 -0.7625E 08 -0.7768E 08 -0.6193E 08 -0.6174E 08 -0.4851E 08 -0.2408E 08 -0.4936E 07 0.1085E 08

-0.9007E 08 -0.4140E 08 -0.7492E 08 -0.6607E 08 -0.7614E 08 -0.7682E 08 -0.6503E 08 -0.6774E 08 -0.5444E 08 -0.4336E 08 -0.1755E 08 0.4855E 07 0.1574E 08

-0.2209E 09 -0.1133E 09 -0.1757E 09 -0.1248E 09 -0.1368E 09 -0.1078E 09 -0.4899E 08 -0.7997E 08 -0.6394E 08 -0.4835E 08 -0.2770E 08 -0.1953E 08 0.4524E 07 0.1305E 08

-0.3118E 09 -0.1324E 09 -0.1404E 09 -0.1844E 09 -0.1204E 09 -0.1395E 09 -0.9755E 08 -0.1021E 09 -0.6763E 08 -0.5925E 08 -0.2218E 08 -0.5343E 07 0.1634E 08 0.1587E 08

-0.2669E 09 -0.8105E 08 -0.2093E 09 -0.9780E 08 -0.1441E 09 -0.7773E 08 -0.1094E 09 -0.4883E 08 -0.2276E 08 -0.2039E 08 0.1242E 08 0.2074E 08 0.3718E 08

-0.1736E 09 -0.5769E 08 -0.1418E 09 -0.6355E 08 -0.1161E 09 -0.6356E 08 -0.7460E 08 -0.3181E 08 -0.2305E 08 0.4124E 07 0.2269E 06 0.4189E 08 0.3863E 08 0.5343E 08

0.1512E 08 0.3642E 08 0.9282E 07 0.7405E 07 -0.1928E 08 -0.1201E 08 -0.1476E 08 0.1128E 08 0.1128E 08 0.2880E 08 0.4350E 08 0.4954E 08 0.4342E 08 0.4524E 08 0.1918E 08

0.1798E 09 0.0820E 08 0.1556E 09 0.7730E 08 0.1130E 09 0.5121E 08 0.4296E 08 0.3918E 07 -0.8798E 07 -0.1068E 08

0.2047E 09 0.2667E 08 0.1027E 09 0.2032E 07 0.4127E 08 -0.1966E 08 0.2186E 08 -0.2164E 08 -0.1306E 07 -0.2531E 08 -0.7937E 05 -0.5382E 07

57.2N	0.1332E 09 0.1006E 09 0.5068E 09 0.3046E 08 0.8259E 07 0.8904E 07
58.2N	0.6372E 08 0.1615E 08 0.0122E 09 0.0169E 08 0.0183E 08 0.0291E 07 0.0240E 07
59.2N	-0.3223E 08 0.0316E 08 0.0457E 08 0.04613E 08 0.0319E 08 0.0179E 08 0.0410E 07 0.0359E 07 0.0461E 07 0.0192E 07
60.2N	-0.2424E 07 0.7440E 07 0.0369E 08 0.0409E 08 0.0739E 08 0.0750E 08 0.0603E 08 0.0440E 08 0.0289E 08 0.0669E 07
61.2N	-0.8073E 08 0.0450E 08 0.7152E 08 0.7060E 08 0.0017E 08 0.0440E 08 0.0307E 08 0.0379E 08 0.0199E 08 0.0196E 07
62.2N	-0.1935E 09 0.0125E 09 0.0157E 09 0.0110E 09 0.0120E 09 0.0830E 08 0.0657E 08 0.0494E 08 0.0290E 08 0.0117E 08 0.0470E 07 0.0130E 08
63.2N	-0.4614E 09 0.0153E 09 0.0219E 09 0.0149E 09 0.0129E 09 0.0028E 08 0.0106E 09 0.0179E 08 0.0353E 08 0.0269E 08 0.0470E 07 0.0189E 08 0.0159E 08
64.2N	-0.2455E 09 0.0107E 09 0.0180E 09 0.0169E 09 0.0169E 09 0.0994E 09 0.0100E 09 0.0463E 08 0.0270E 08 0.0307E 08 0.0207E 08 0.0207E 08 0.0293E 08
65.2N	-0.1507E 09 0.0661E 08 0.0125E 09 0.0753E 08 0.0103E 09 0.0708E 08 0.0691E 08 0.0136E 08 0.0252E 08 0.0270E 07 0.0215E 07 0.0250E 08 0.0519E 08 0.0432E 08
66.2N	-0.4530E 07 0.3031E 08 0.2667E 07 0.5332E 07 0.0770E 08 0.0115E 08 0.0713E 07 0.2650E 08 0.3709E 08 0.0479E 08 0.3944E 08 0.0451E 08 0.0622E 08
67.2N	0.1425E 09 0.7657E 08 0.0130E 09 0.6945E 08 0.1034E 09 0.0504E 08 0.3951E 08 0.0641E 08 0.0780E 07 0.0133E 07
68.2N	0.1808E 09 0.0319E 08 0.0044E 08 0.2227E 08 0.0354E 08 0.0347E 07 0.0132E 08 0.0469E 07 0.0550E 07 0.0169E 08 0.0493E 07 0.01231E 07

07.5£

57.3M	0.1113E 04	0.9625E 06	0.5437E 08	0.3595E 08	0.1602E 08	-0.7320E 07
58.3M	6.3806E 01	0.2010E 08	-0.8940E 07	-0.1462E 06	-0.1624E 08	-0.8131E 07
59.3M	-0.2872E 08	-0.3154E 08	-0.4258E 08	-0.4647E 08	-0.4535E 08	-0.3228E 08
60.3M	-0.7637E 07	-0.3159E 08	-0.5815E 08	-0.7211E 08	-0.7451E 08	-0.6275E 08
61.3M	-0.8427E 08	-0.5276E 08	-0.7605E 08	-0.7187E 08	-0.7545E 08	-0.8041E 08
62.3M	-0.1803E 09	-0.1289E 09	-0.1502E 09	-0.1127E 09	-0.1127E 09	-0.1127E 09
63.3M	-0.2446E 09	-0.1579E 09	-0.2023E 09	-0.1532E 09	-0.1566E 09	-0.1566E 09
64.3M	-0.2332E 09	-0.1114E 09	-0.1796E 09	-0.1429E 09	-0.1429E 09	-0.1429E 09
65.3M	-0.1462E 09	-0.0893E 08	-0.1174E 09	-0.7892E 08	-0.9655E 08	-0.7684E 08
66.3M	-0.1273E 08	0.2579E 08	0.3373E 08	0.2653E 07	-0.1637E 08	-0.1232E 08
67.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
68.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
69.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
70.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
71.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
72.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
73.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
74.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
75.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
76.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
77.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
78.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
79.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
80.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
81.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
82.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
83.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
84.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
85.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
86.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
87.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
88.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
89.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
90.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
91.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
92.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
93.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
94.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
95.3M	0.1239E 09	0.7768E 08	0.1226E 09	0.5015E 08	0.4440E 08	0.6864E 08
96.3M	0.1239E 09	0.7768E 0				

FRONTIER EXPANSION OF THE STREAM FUNCTION-COMPONENT NO. 12

	62.5	77.5	92.5	107.5	122.5	137.5	152.5	167.5	182.5	197.5	212.5	227.5	242.5	257.5	272.5	287.5	302.5	317.5	332.5	347.5	362.5	377.5	392.5	407.5	422.5	437.5	452.5	467.5	482.5	497.5	512.5	527.5	542.5	557.5	572.5	587.5	602.5	617.5	632.5	647.5	662.5	677.5	692.5	707.5	722.5	737.5	752.5	767.5	782.5	797.5	812.5	827.5	842.5	857.5	872.5	887.5	902.5	917.5	932.5	947.5	962.5	977.5	992.5	1007.5	1022.5	1037.5	1052.5	1067.5	1082.5	1097.5	1112.5	1127.5	1142.5	1157.5	1172.5	1187.5	1202.5	1217.5	1232.5	1247.5	1262.5	1277.5	1292.5	1307.5	1322.5	1337.5	1352.5	1367.5	1382.5	1397.5	1412.5	1427.5	1442.5	1457.5	1472.5	1487.5	1502.5	1517.5	1532.5	1547.5	1562.5	1577.5	1592.5	1607.5	1622.5	1637.5	1652.5	1667.5	1682.5	1697.5	1712.5	1727.5	1742.5	1757.5	1772.5	1787.5	1802.5	1817.5	1832.5	1847.5	1862.5	1877.5	1892.5	1907.5	1922.5	1937.5	1952.5	1967.5	1982.5	1997.5	2012.5	2027.5	2042.5	2057.5	2072.5	2087.5	2102.5	2117.5	2132.5	2147.5	2162.5	2177.5	2192.5	2207.5	2222.5	2237.5	2252.5	2267.5	2282.5	2297.5	2312.5	2327.5	2342.5	2357.5	2372.5	2387.5	2402.5	2417.5	2432.5	2447.5	2462.5	2477.5	2492.5	2507.5	2522.5	2537.5	2552.5	2567.5	2582.5	2597.5	2612.5	2627.5	2642.5	2657.5	2672.5	2687.5	2702.5	2717.5	2732.5	2747.5	2762.5	2777.5	2792.5	2807.5	2822.5	2837.5	2852.5	2867.5	2882.5	2897.5	2912.5	2927.5	2942.5	2957.5	2972.5	2987.5	3002.5	3017.5	3032.5	3047.5	3062.5	3077.5	3092.5	3107.5	3122.5	3137.5	3152.5	3167.5	3182.5	3197.5	3212.5	3227.5	3242.5	3257.5	3272.5	3287.5	3302.5	3317.5	3332.5	3347.5	3362.5	3377.5	3392.5	3407.5	3422.5	3437.5	3452.5	3467.5	3482.5	3497.5	3512.5	3527.5	3542.5	3557.5	3572.5	3587.5	3602.5	3617.5	3632.5	3647.5	3662.5	3677.5	3692.5	3707.5	3722.5	3737.5	3752.5	3767.5	3782.5	3797.5	3812.5	3827.5	3842.5	3857.5	3872.5	3887.5	3902.5	3917.5	3932.5	3947.5	3962.5	3977.5	3992.5	4007.5	4022.5	4037.5	4052.5	4067.5	4082.5	4097.5	4112.5	4127.5	4142.5	4157.5	4172.5	4187.5	4202.5	4217.5	4232.5	4247.5	4262.5	4277.5	4292.5	4307.5	4322.5	4337.5	4352.5	4367.5	4382.5	4397.5	4412.5	4427.5	4442.5	4457.5	4472.5	4487.5	4502.5	4517.5	4532.5	4547.5	4562.5	4577.5	4592.5	4607.5	4622.5	4637.5	4652.5	4667.5	4682.5	4697.5	4712.5	4727.5	4742.5	4757.5	4772.5	4787.5	4802.5	4817.5	4832.5	4847.5	4862.5	4877.5	4892.5	4907.5	4922.5	4937.5	4952.5	4967.5	4982.5	4997.5	5012.5	5027.5	5042.5	5057.5	5072.5	5087.5	5102.5	5117.5	5132.5	5147.5	5162.5	5177.5	5192.5	5207.5	5222.5	5237.5	5252.5	5267.5	5282.5	5297.5	5312.5	5327.5	5342.5	5357.5	5372.5	5387.5	5402.5	5417.5	5432.5	5447.5	5462.5	5477.5	5492.5	5507.5	5522.5	5537.5	5552.5	5567.5	5582.5	5597.5	5612.5	5627.5	5642.5	5657.5	5672.5	5687.5	5702.5	5717.5	5732.5	5747.5	5762.5	5777.5	5792.5	5807.5	5822.5	5837.5	5852.5	5867.5	5882.5	5897.5	5912.5	5927.5	5942.5	5957.5	5972.5	5987.5	6002.5	6017.5	6032.5	6047.5	6062.5	6077.5	6092.5	6107.5	6122.5	6137.5	6152.5	6167.5	6182.5	6197.5	6212.5	6227.5	6242.5	6257.5	6272.5	6287.5	6302.5	6317.5	6332.5	6347.5	6362.5	6377.5	6392.5	6407.5	6422.5	6437.5	6452.5	6467.5	6482.5	6497.5	6512.5	6527.5	6542.5	6557.5	6572.5	6587.5	6602.5	6617.5	6632.5	6647.5	6662.5	6677.5	6692.5	6707.5	6722.5	6737.5	6752.5	6767.5	6782.5	6797.5	6812.5	6827.5	6842.5	6857.5	6872.5	6887.5	6902.5	6917.5	6932.5	6947.5	6962.5	6977.5	6992.5	7007.5	7022.5	7037.5	7052.5	7067.5	7082.5	7097.5	7112.5	7127.5	7142.5	7157.5	7172.5	7187.5	7202.5	7217.5	7232.5	7247.5	7262.5	7277.5	7292.5	7307.5	7322.5	7337.5	7352.5	7367.5	7382.5	7397.5	7412.5	7427.5	7442.5	7457.5	7472.5	7487.5	7502.5	7517.5	7532.5	7547.5	7562.5	7577.5	7592.5	7607.5	7622.5	7637.5	7652.5	7667.5	7682.5	7697.5	7712.5	7727.5	7742.5	7757.5	7772.5	7787.5	7802.5	7817.5	7832.5	7847.5	7862.5	7877.5	7892.5	7907.5	7922.5	7937.5	7952.5	7967.5	7982.5	7997.5	8012.5	8027.5	8042.5	8057.5	8072.5	8087.5	8102.5	8117.5	8132.5	8147.5	8162.5	8177.5	8192.5	8207.5	8222.5	8237.5	8252.5	8267.5	8282.5	8297.5	8312.5	8327.5	8342.5	8357.5	8372.5	8387.5	8402.5	8417.5	8432.5	8447.5	8462.5	8477.5	8492.5	8507.5	8522.5	8537.5	8552.5	8567.5	8582.5	8597.5	8612.5	8627.5	8642.5	8657.5	8672.5	8687.5	8702.5	8717.5	8732.5	8747.5	8762.5	8777.5	8792.5	8807.5	8822.5	8837.5	8852.5	8867.5	8882.5	8897.5	8912.5	8927.5	8942.5	8957.5	8972.5	8987.5	9002.5	9017.5	9032.5	9047.5	9062.5	9077.5	9092.5	9107.5	9122.5	9137.5	9152.5	9167.5	9182.5	9197.5	9212.5	9227.5	9242.5	9257.5	9272.5	9287.5	9302.5	9317.5	9332.5	9347.5	9362.5	9377.5	9392.5	9407.5	9422.5	9437.5	9452.5	9467.5	9482.5	9497.5	9512.5	9527.5	9542.5	9557.5	9572.5	9587.5	9602.5	9617.5	9632.5	9647.5	9662.5	9677.5	9692.5	9707.5	9722.5	9737.5	9752.5	9767.5	9782.5	9797.5	9812.5	9827.5	9842.5	9857.5	9872.5	9887.5	9902.5	9917.5	9932.5	9947.5	9962.5	9977.5	9992.5	10007.5	10022.5	10037.5	10052.5	10067.5	10082.5	10097.5	10112.5	10127.5	10142.5	10157.5	10172.5	10187.5	10202.5	10217.5	10232.5	10247.5	10262.5	10277.5	10292.5	10307.5	10322.5	10337.5	10352.5	10367.5	10382.5	10397.5	10412.5	10427.5	10442.5	10457.5	10472.5	10487.5	10502.5	10517.5	10532.5	10547.5	10562.5	10577.5	10592.5	10607.5	10622.5	10637.5	10652.5	10667.5	10682.5	10697.5	10712.5	10727.5	10742.5	10757.5	10772.5	10787.5	10802.5	10817.5	10832.5	10847.5	10862.5	10877.5	10892.5	10907.5	10922.5	10937.5	10952.5	10967.5	10982.5	10997.5	11012.5	11027.5	11042.5	11057.5	11072.5	11087.5	11102.5	11117.5	11132.5	11147.5	11162.5	11177.5	11192.5	11207.5	11222.5	11237.5	11252.5	11267.5	11282.5	11297.5	11312.5	11327.5	11342.5	11357.5	11372.5	11387.5	11402.5	11417.5	11432.5	11447.5	11462.5	11477.5	11492.5	11507.5	11522.5	11537.5	11552.5	11567.5	11582.5	11597.5	11612.5	11627.5	11642.5	11657.5	11672.5	11687.5	11702.5	11717.5	11732.5	11747.5	11762.5	11777.5	11792.5	11807.5	11822.5	11837.5	11852.5	11867.5	11882.5	11897.5	11912.5	11927.5	11942.5	11957.5	11972.5	11987.5	12002.5	12017.5	12032.5	12047.5	12062.5	12077.5	12092.5	12107.5	12122.5	12137.5	12152.5	12167.5	12182.5	12197.5	12212.5	12227.5	12242.5	12257.5	12272.5	12287.5	12302.5	12317.5	12332.5	12347.5	12362.5	12377.5	12392.5	12407.5	12422.5	12437.5	12452.5	12467.5	12482.5	12497.5	12512.5	12527.5	12542.5	12557.5	12572.5	12587.5	12602.5	12617.5	12632.5	12647.5	12662.5	12677.5	12692.5	12707.5	12722.5	12737.5	12752.5	12767.5	12782.5	12797.5	12812.5	12827.5	12842.5	12857.5	12872.5	12887.5	12902.5	12917.5	12932.5	12947.5	12962.5	12977.5	12992.5	13007.5	13022.5	13037.5	13052.5	13067.5	13082.5	13097.5	13112.5	13127.5	13142.5	13157.5	13172.5	13187.5	13202.5	13217.5	13232.5	13247.5	13262.5	13277.5	13292.5	13307.5	13322.5	13337.5	13352.5	13367.5	13382.5	13397.5	13412.5	13427.5	13442.5	13457.5	13472.5	13487.5	13502.5	13517.5	13532.5	13547.5	13562.5	13577.5	13592.5	13607.5	13622.5	13637.5	13652.5	13667.5	13682.5	13697.5	13712.5	13727.5	13742.5	13757.5	13772.5	13787.5	13802.5	13817.5	13832.5	13847.5	13862.5	13877.5	13892.5	13907.5	13922.5	13937.5	13952.5	13967.5	13982.5	13997.5	14012.5	14027.5	14042.5	14057.5	14072.5	14087.5	14102.5	14117.5	14132.5	14147.5	14162.5	14177.5	14192.5	14207.5	14222.5	14237.5	14252.5	14267.5	14282.5	14297.5	14312.5	14327.5	14342.5	14357.5	14372.5	14387.5	14402.5	14417.5	14432.5	14447.5	14462.5	14477.5	14492.5	14507.5	14522.5	14537.5	14552.5	14567.5	14582.5	14597.5	14612.5	14627.5	14642.5	14657.5	14672.5	14687.5	14702.5	14717.5	14732.5	14747.5	14762.5	14777.5	14792.5	14807.5	14822.5	14837.5	14852.5	14867.5	14882.5	14897.5	14912.5	14927.5	14942.5	14957.5	14972.5	14987.5	15002.5	15017.5	15032.5	15047.5	15062.5	15077.5	15092.5	15107.5	15122.5	15137.5	15152.5	15167.5	15182.5	15197.5	15212.5	15227.5	15242.5	15257.5	15272.5	15287.5	15302.5	15317.5	15332.5	15347.5	15362.5	15377.5	15392.5	15407.5	15422.5	15437.5	15452.5	15467.5	15482.5	15497.5	15512.5	15527.5	15542.5	15557.5	15572.5	15587.5	15602.5	15617.5	15632.5	15647.5	15662.5	15677.5	15692.5	15707.5	15722.5	15737.5	15752.5	15767.5	15782.5	15797.5	15812.5	15827.5	15842.5	15857.5	15872.5	15887.5	15902.5	15917.5	15932.5	15947.5	15962.5	15977.5	15992.5	16007.5	16022.5	16037.5	16052.5	16067.5	16082.5	16097.5	16112.5	16127.5	16142.5	16157.5	16172.5	16187.5	16202.5	16217.5	16232.5	16247.5	16262.5	16277.5	16292.5	16307.5	16322.5
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0.8538E 08 0.8418E 08 0.5067E 08 0.3347E 08 0.4217E 08 -0.4469E 07

5f.2m	0.6530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
5g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
6f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
6g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
7f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
7g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
8f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
8g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
9f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
9g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
0f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
0g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
1f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
1g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
2f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
2g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
3f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
3g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
4f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
4g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
5f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
5g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
6f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
6g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
7f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
7g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
8f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
8g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
9f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
9g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
0f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
0g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
1f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
1g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
2f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
2g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
3f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
3g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
4f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
4g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
5f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
5g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
6f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
6g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
7f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
7g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
8f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
8g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
9f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
9g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
0f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
0g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
1f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
1g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
2f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
2g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
3f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
3g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
4f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
4g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
5f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
5g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
6f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
6g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
7f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
7g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
8f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
8g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
9f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
9g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
0f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
0g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
1f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
1g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
2f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
2g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
3f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
3g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
4f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
4g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
5f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
5g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
6f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
6g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
7f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
7g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
8f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
8g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
9f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
9g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
0f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
0g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
1f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
1g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
2f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
2g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
3f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
3g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
4f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
4g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
5f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
5g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
6f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
6g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
7f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
7g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
8f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
8g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
9f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
9g.2m	-0.2038E 08	0.1437E 08	-0.4138E 07	-0.4150E 07	-0.1681E 08	-0.1529E 08
0f.2m	0.0530E 08	0.6419E 08	0.5505E 08	0.3337E 08	0.1217E 08	-0.4449E 07
0g.2m	0.4623E 08	0.2293E 08	-0.4201E 07	-0.4924E 07	-0.1248E 08	-0.6723E 07
1f.2m	-0.2338E 08	-0.3750E 08	-0.4374E 08	-0.3110E 08	-0.1982E 08	-0.6778E 07
1g.2m	-0.5262E 08	-0.4860E 08	-0.5230E 08	-0.3866E 08	-0.5040E 08	-0.2905E 08
2f.2m	-0.7614E 08	-0.5739E 08	-0.6726E 08	-0.7246E 08	-0.8009E 08	-0.5874E 08
2g.2m	-0.1034E 09	-0.1395E 09	-0.1305E 09	-0.1236E 09	-0.1124E 09	-0.9044E 08
3f.2m	-0.2093E 09	-0.1629E 09	-0.1828E 09	-0.1603E 09	-0.1504E 09	-0.1187E 09
3g.2m	-0.2093E 09	-0.1736E 09	-0.1572E 09	-0.1349E 09	-0.1104E 09	-0.3716E 08
4f.2m	-0.1323E 09	-0.7523E 08	-0.1043E 09	-0.9055E 08	-0.8118E 08	-0.4558E 08
4g						

FOURIER EXPANSION OF THE STREAM FUNCTION-COMPONENT No. 14

	82.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	7.5	02.5M	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.7475E 08 0.7750E 08 0.4824E 08 0.3266E 08 0.1208E 08 -0.3323E 07

0.4566E 08 0.2254E 08 -0.2794E 07 -0.4941E 07 -0.1100E 08 -0.6125E 07 -0.1361E 07

-0.2142E 08 -0.2744E 08 -0.3559E 08 -0.4044E 08 -0.3323E 08 -0.2040E 08 -0.7631E 07 0.3417E 07 0.6030E 07 -0.2633E 05

-0.8559E 07 -0.7774E 07 -0.2636E 08 -0.5034E 08 -0.6578E 08 -0.7077E 08 -0.6198E 08 -0.5038E 08 -0.2995E 08 -0.1082E 08 0.4757E 07

-0.7480E 08 -0.5576E 08 -0.6600E 08 -0.7197E 08 -0.7473E 08 -0.7950E 08 -0.8381E 08 -0.7723E 08 -0.5944E 08 -0.4262E 08 -0.2532E 08 -0.4723E 07 0.6515E 07

-0.1838E 09 -0.1294E 09 -0.1350E 09 -0.1278E 09 -0.1116E 09 -0.9955E 08 -0.8609E 08 -0.7044E 08 -0.5431E 08 -0.3411E 08 -0.2147E 08 -0.2685E 07 0.1135E 08

-0.1848E 09 -0.1603E 09 -0.1759E 09 -0.1786E 09 -0.1474E 09 -0.1131E 09 -0.1020E 09 -0.8901E 08 -0.7715E 08 -0.5505E 08 -0.3141E 08 -0.8394E 07 0.7271E 07 0.1296E 08

-0.1800E 09 -0.1270E 09 -0.1437E 09 -0.1350E 09 -0.1320E 09 -0.1113E 09 -0.9686E 08 -0.7725E 08 -0.5621E 08 -0.4426E 08 -0.2822E 08 -0.6900E 07 0.1156E 08 0.2281E 08

-0.1244E 09 -0.7750E 08 -0.8394E 08 -0.8732E 08 -0.8732E 08 -0.8125E 08 -0.4324E 08 -0.5001E 08 -0.2580E 08 -0.106E 08 -0.7462E 07 0.1692E 08 0.2803E 08 0.1356E 08

-0.2922E 08 0.8442E 07 -0.6212E 07 -0.7646E 07 -0.1155E 08 -0.1729E 08 -0.5951E 07 0.1903E 08 0.2341E 08 0.1012E 08 0.4145E 08 0.1440E 08 0.3950E 08 0.1961E 08

0.7627E 08 0.4794E 08 0.9630E 08 0.8620E 08 0.8164E 08 0.7031E 08 0.1511E 08 0.3748E 08 -0.2544E 07 -0.3746E 07

0.1317E 09 0.6837E 08 0.6207E 08 0.3611E 08 0.2654E 08 0.5885E 07 0.7690E 07 -0.2168E 08 -0.4460E 07 -0.1142E 08 -0.5078E 07 0.1731E 07

FRUITER EMPJ THE STREAM FUNCTION-COMPONENT NR. 15

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
87.5N											0.6474E 08	0.7090E 08	0.4534E 08	0.3118E 08	0.1290E 08	-0.2305E 07		
82.5N									0.3559E 08	0.2145E 08	-0.1952E 07	-0.7328E 07	-0.0845E 07	-0.5628E 07	-0.1218E 07			
47.5N										-0.1981E 08	-0.2637E 08	-0.3404E 08	-0.417E 08	-0.3319E 08	-0.2101E 08	-0.8439E 07	0.2560E 07	0.5653E 07
42.5N										-0.9898E 07	-0.8461E 07	-0.2513E 08	-0.4802E 08	-0.6355E 08	-0.6198E 08	-0.5743E 08	-0.5024E 08	-0.3079E 08
37.5N										-0.7129E 08	-0.5957E 08	-0.6480E 08	-0.7112E 08	-0.7407E 08	-0.7880E 08	-0.8312E 08	-0.7343E 08	-0.6001E 08
32.5N										-0.1329E 09	-0.1272E 09	-0.1304E 09	-0.1252E 09	-0.1106E 09	-0.1108E 09	-0.9936E 08	-0.8739E 08	-0.7149E 08
27.5N										-0.1719E 09	-0.1509E 09	-0.1600E 09	-0.1445E 09	-0.1159E 09	-0.1159E 09	-0.1013E 09	-0.8840E 08	-0.7285E 08
22.5N										-0.1759E 09	-0.1287E 09	-0.1432E 09	-0.1295E 09	-0.1113E 09	-0.1295E 08	-0.4539E 08	-0.2946E 08	-0.8887E 07
17.5N										-0.1179E 09	-0.1791E 08	-0.3943E 08	-0.8427E 08	-0.8505E 08	-0.8007E 08	-0.6514E 08	-0.5058E 08	-0.1445E 08
12.5N										-0.3209E 08	0.2879E 07	-0.8243E 07	-0.1092E 08	-0.1951E 08	-0.1954E 08	-0.1306E 08	-0.1314E 07	0.2145E 08
07.5N																		
02.5N																		

0.1198E 09 0.6957E 08 0.5961E 08 0.3928E 08 0.2631E 08 0.7786E 07 0.7571E 07 0.5077E 08 -0.4291E 07 -0.1063E 08 -0.5234E 07 0.1469E 07

07.5E

57.2M	0.3604E 08 0.6400E 08 0.4270E 08 0.2050E 08 0.1280E 08 -0.1901E 07
58.2M	0.3006E 08 0.1998E 08 -0.1539E 07 -0.6672E 07 -0.8982E 07 -0.5243E 07 -0.119E 07
47.2M	-0.1847E 08 -0.2543E 08 -0.3275E 08 -0.3725E 08 -0.4018E 08 -0.3303E 08 -0.2166E 08 -0.9186E 07 0.1759E 07 0.5523E 07 0.4069E 06
42.2M	-0.1099E 08 -0.9255E 07 -0.2413E 08 -0.4568E 08 -0.6135E 08 -0.6745E 08 -0.6063E 08 -0.5672E 08 -0.4998E 08 -0.3150E 08 -0.1274E 08 0.2627E 07
37.2M	-0.6773E 08 -0.5945E 08 -0.6363E 08 -0.7608E 08 -0.7738E 08 -0.8223E 08 -0.7341E 08 -0.6042E 08 -0.4401E 08 -0.2774E 08 -0.7708E 07 0.7544E 07
32.2M	-0.1204E 09 -0.1241E 09 -0.1222E 09 -0.1173E 09 -0.1090E 09 -0.9876E 08 -0.8751E 08 -0.7427E 08 -0.5641E 08 -0.3608E 08 -0.2315E 08 -0.3132E 07 0.6405E 07
27.2M	-0.1553E 09 -0.1533E 09 -0.1615E 09 -0.1525E 09 -0.1416E 09 -0.1278E 09 -0.1145E 09 -0.1005E 09 -0.8779E 08 -0.7279E 08 -0.5862E 08 -0.3597E 08 -0.1196E 08 0.4661E 07 0.1102E 08
22.2M	-0.1629E 09 -0.1299E 09 -0.1375E 09 -0.1323E 09 -0.1271E 09 -0.1108E 09 -0.9630E 08 -0.7866E 08 -0.5830E 08 -0.4546E 08 -0.3154E 08 -0.1808E 08 0.7609E 07 0.1979E 08
17.2M	-0.1103E 09 -0.8069E 08 -0.9126E 08 -0.8414E 08 -0.8488E 08 -0.8053E 08 -0.6513E 08 -0.5105E 08 -0.2814E 08 -0.1510E 08 -0.9707E 07 0.1213E 08 0.2433E 08 0.3001E 08
12.2M	-0.2393E 08 -0.2234E 07 -0.1022E 08 -0.1386E 08 -0.2131E 08 -0.2193E 08 -0.1201E 08 -0.2891E 07 0.1932E 08 0.2661E 08 0.3717E 08 0.3257E 08 0.3661E 08 0.1978E 08
07.2M	0.5244E 08 0.5661E 08 0.6135E 08 0.7994E 08 0.7402E 08 0.6768E 08 0.5995E 08 0.2486E 08 0.3727E 06 -0.3502E 07
02.2M	0.1086E 09 0.6948E 08 0.5681E 08 0.3994E 08 0.2623E 08 0.8540E 07 0.7378E 07 0.1054E 07 -0.9626E 07 -0.9463E 07 -0.5368E 07 0.1206E 07

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99																																																																																																			
0-0000	00	0-0001	01	0-0002	02	0-0003	03	0-0004	04	0-0005	05	0-0006	06	0-0007	07	0-0008	08	0-0009	09	0-0010	10	0-0011	11	0-0012	12	0-0013	13	0-0014	14	0-0015	15	0-0016	16	0-0017	17	0-0018	18	0-0019	19	0-0020	20	0-0021	21	0-0022	22	0-0023	23	0-0024	24	0-0025	25	0-0026	26	0-0027	27	0-0028	28	0-0029	29	0-0030	30	0-0031	31	0-0032	32	0-0033	33	0-0034	34	0-0035	35	0-0036	36	0-0037	37	0-0038	38	0-0039	39	0-0040	40	0-0041	41	0-0042	42	0-0043	43	0-0044	44	0-0045	45	0-0046	46	0-0047	47	0-0048	48	0-0049	49	0-0050	50	0-0051	51	0-0052	52	0-0053	53	0-0054	54	0-0055	55	0-0056	56	0-0057	57	0-0058	58	0-0059	59	0-0060	60	0-0061	61	0-0062	62	0-0063	63	0-0064	64	0-0065	65	0-0066	66	0-0067	67	0-0068	68	0-0069	69	0-0070	70	0-0071	71	0-0072	72	0-0073	73	0-0074	74	0-0075	75	0-0076	76	0-0077	77	0-0078	78	0-0079	79	0-0080	80	0-0081	81	0-0082	82	0-0083	83	0-0084	84	0-0085	85	0-0086	86	0-0087	87	0-0088	88	0-0089	89	0-0090	90	0-0091	91	0-0092	92	0-0093	93	0-0094	94	0-0095	95	0-0096	96	0-0097	97	0-0098	98	0-0099	99

0.9823E 08	6.6833E 01	0.5410E 08	0.3918E 08	0.2620E 08	0.9169E 07	0.7254E 07	0.1471E 07	-0.3010E 07	-0.9114E 07	-0.5288E 07	0.9591E 06
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[illegible]

0.2, 5M

[illegible]

Variable	Mean	Standard Deviation	Minimum	Maximum
0.10712 08	0.40000 08	0.29150 08	0.21350 08	0.10890 08
0.10712 08	0.40000 08	0.29150 08	0.21350 08	0.10890 08

0.1528E 08 0.1100E 08 -0.2844E 07 -0.6531E 07 -0.7575E 07 -0.8711E 07 -0.1213E 07

0.1402E 08 -0.2166E 08 -0.3272E 08 -0.4505E 08 -0.5111E 08 -0.2248E 08 -0.1191E 08 -0.1890E 07 0.3052E 07 0.6406E 06

-0.122E 08 -0.1256E 08 -0.2121E 08 -0.3743E 08 -0.5127E 08 -0.5865E 08 -0.5365E 08 -0.5244E 08 -0.4772E 08 -0.4311E 08 -0.3649E 08 -0.3216E 07

0.5075E 0F -0.5541E 0B -0.5730E 0B -0.6024E 0B -0.6627E 0B -0.7095E 0B -0.7540E 0B -0.7935E 0B -0.8403E 0B -0.8615E 0B -0.8650E 0B -0.8613E 0B -0.8442E 0B -0.8254E 0F

-0.8141E 08 -0.1016E 05 -0.1072E 09 -0.1057E 09 -0.1033E 09 -0.9968E 08 -0.9205E 08 -0.8427E 08 -0.7271E 08 -0.5504E 08 -0.4133E 08 -0.2637E 06 -0.1221E 06 0.3615E 07

0.0315E 00 -0.1222E 09 -0.1315E 05 -0.1155E 09 -0.1240E 09 -0.1068E 09 -0.1056E 09 -0.9452E 08 -0.8362E 08 -0.1188E 08 -0.2744E 08 -0.3745E 08 -0.1755E 08 -0.1174E 07 0.6777E 07

0.1041E 09 -0.1121E 09 -0.1148E 09 -0.1165E 09 -0.1147E 09 -0.1043E 09 -0.0924E 09 -0.0782E 08 -0.6077E 08 -0.4471E 36 -0.1679E 28 -0.1877E 26 -0.1363E 04 -0.1215E 09

0.7701E 08 -0.7765E 08 -0.7866E 08 -0.7855E 08 -0.7947E 08 -0.7795E 08 -0.6568E 08 -0.5101E 08 -0.3341E 08 -0.1566E 08 -0.1430E 08 0.2605E 07 0.1558E 06 0.2232E 04

0.1590E 08 -0.1745E 08 -0.1754E 0E -0.2275E 08 -0.2930E 08 -0.3320E 08 -0.2241E 08 -0.1234E 08 0.7410E 07 0.1276E 06 0.2676E 06 0.2571E 06 0.2940E 06 0.4823E 04

0.1597E 08 0.2745E 08 0.4035E 08 0.5768E 08 0.5577E 08 0.5594E 08 0.4742E 08 0.3669E 08 0.2745E 08 0.1597E 08

[illegible]

Variable	Mean	SD	Min	Max	Q1	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Age	35.2	12.5	18	65	25	40	48	55	60	65	70	75	80
Gender	0.5	0.5	0	1	0	1	0	1	0	1	0	1	1
Marital Status	0.3	0.5	0	1	0	1	0	1	0	1	0	1	1
Education	12.5	2.5	9	16	10	12	13	14	15	16	17	18	19
Income	45000	15000	10000	100000	20000	40000	55000	70000	85000	100000	115000	130000	145000
Health	0.7	0.3	0	1	0	1	0	1	0	1	0	1	1
Stress	0.6	0.4	0	1	0	1	0	1	0	1	0	1	1
Depression	0.2	0.4	0	1	0	1	0	1	0	1	0	1	1
Loneliness	0.4	0.5	0	1	0	1	0	1	0	1	0	1	1
Life Satisfaction	0.6	0.3	0	1	0	1	0	1	0	1	0	1	1
Work-Life Balance	0.5	0.4	0	1	0	1	0	1	0	1	0	1	1
Physical Activity	0.3	0.5	0	1	0	1	0	1	0	1	0	1	1
Social Support	0.7	0.3	0	1	0	1	0	1	0	1	0	1	1
Resilience	0.6	0.4	0	1	0	1	0	1	0	1	0	1	1
Emotional Stability	0.7	0.3	0	1	0	1	0	1	0	1	0	1	1
Life Satisfaction	0.6	0.3	0	1	0	1	0	1	0	1	0	1	1
Work-Life Balance	0.5	0.4	0	1	0	1	0	1	0	1	0	1	1
Physical Activity	0.3	0.5	0	1	0	1	0	1	0	1	0	1	1
Social Support	0.7	0.3	0	1	0	1	0	1	0	1	0	1	1
Resilience	0.6	0.4	0	1	0	1	0	1	0	1	0	1	1
Emotional Stability	0.7	0.3	0	1	0	1	0	1	0	1	0	1	1

[illegible]

[illegible]

57.5% 0.42201 0.1725E 06 0.9215E 07 0.7900E 06

52.5N 0.101E 08 0.647E 07 -0.472E 07 -0.713E 07 -0.472E 07 -0.159E 07

57.5N -0.122E 08 -0.146E 08 -0.460E 08 0.246E 08 -0.294E 08 -0.222E 01 -0.174E 06 -0.314E 07 0.109E 07 0.533E 06

92.5A

37.5A

32.5%	-0.0566e 08	-0.8608e 08	-0.9467e 08	-0.9529e 08	-0.9420e 08	-0.9106e 08	-0.8612e 08	-0.8058e 08	0.7054e 08	-0.5861e 08	-0.4254e 08	-0.2446e 08	-0.1246e 08	0.1571e 07
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27.5% -0.0879E 08 -C.1010E 09 -0.1137E 09 -0.1165E 09 -0.1067E 09 -0.7099E 08 -0.6855E 08 -0.5690E 08 -C.5412E 08 -C.2400E 08 -0.3079E 07 0.4631E 07

```

22.5A -0.7875E 08 -0.07C6E 08 -0.1016E 05 -0.1256E 04 -0.1059E 04 -0.9656E 06 -0.8874E 08 -0.7634E 08 -0.6062E 08 3.4479E 18 -0.3716E 18 -0.2113E 08 -0.0489E 01 -0.9270E 07

17.5A -0.5947E 08 -0.0866E 08 -0.7120E 08 -0.7334E 08 -0.7588E 08 -0.7575E 08 -0.6550E 08 -0.5386E 08 -0.2245E 08 -0.1066E 08 -0.1571E 07 0.1102E 06 0.1835E 04

12.5N -0.2639E CH -0.1943E CE -0.1401E OE -0.2419E OH -0.5116E OD -0.3713E OB -0.2622E OC -0.1822E OS -0.4071E OG -0.2155E OF -0.2155E OE -0.1655E OH

07.5N

62.5N
0.4079E 08 0.4120E 08 1.51E12 0.514E12 0.2344E 08 0.1312E 08 0.0486E 07 0.3410E 07

TABLE EXPANSION OF THE STRAIN FUNCTION, COMMENT NO. 45

	02.5N	17.5	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5	67.5	72.5	77.5	82.5N
57.5N															
52.5N															
47.5N															
42.5N															
37.5N															
32.5N															
27.5N															
22.5N															
17.5N															
12.5N															
07.5N															
02.5N															

0.4010E 00 0.2762E 00 0.2107E 00 0.1546E 00 0.0876E 00 0.0437E 00

0.8044E 07 -5.127E 07 -0.7151E 07 -0.7725E 07 -0.5010E 07 -0.1605E 07

-0.1109E 00 -0.1095E 00 -0.2534E 00 -2.895E 00 -0.3162E 00 -0.2964E 00 -0.2210E 00 -0.1946E 00 -0.3486E 07 0.1654E 07 0.4852E 00

-0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00 -0.1247E 00

-0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00 -0.5861E 00

-0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00 -0.6224E 00

-0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00 -0.7171E 00

-0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00 -0.5500E 00

-0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00 -0.2457E 00

0.2585E 07 0.1090E 00 0.2798E 00 0.4035E 00 -0.1997E 00 -0.1719E 07 -0.6514E 07 0.1554E 00

0.4704E 00 0.4308E 00 -3.509E 00 0.2491E 00 0.2262E 00 0.1107E 00 0.6815E 07 0.2656E 07 -0.2644E 00 -0.4581E 07 -0.3928E 07 -0.1274E 00

[illegible]

KURTIER EXPANSION OF THE SINCOS FUNCTION, COMPONENT NO. 29

	62.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.1546E 06 0.1954E 06 0.1546E 06 0.1154E 06 0.4757E 07 0.8528E 06

0.5466E 07 0.2856E 07 -0.2756E 07 -0.2756E 07 -0.2756E 07 -0.2756E 07 -0.2756E 07 -0.2756E 07 -0.2756E 07

-0.9332E 07 -0.1846E 06 -0.2238E 06 0.2591E 06 -0.2674E 06 -0.2674E 06 -0.2674E 06 -0.2674E 06 -0.2674E 06 -0.2674E 06

-0.1096E 06 -0.1241E 06 -0.1768E 06 -0.2779E 06 -0.5021E 06 -0.4518E 06 0.4518E 06 -0.4518E 06 -0.4518E 06 -0.4518E 06

-0.1562E 06 -0.4027E 06 -0.4416E 06 -0.4416E 06 -0.4416E 06 -0.4416E 06 -0.4416E 06 -0.4416E 06 -0.4416E 06 -0.4416E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

-0.4274E 06 -0.6462E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06 -0.7531E 06

	62.5k	67.5k	72.5k	77.5k	82.5k	87.5k	92.5k	97.5k	102.5k	107.5k	112.5k	117.5k	122.5k	127.5k	132.5k	137.5k	142.5k	147.5k	152.5k	157.5k	162.5k	167.5k	172.5k	177.5k	182.5k	187.5k	192.5k	197.5k	202.5k	207.5k	212.5k	217.5k	222.5k	227.5k	232.5k	237.5k	242.5k	247.5k	252.5k	257.5k	262.5k	267.5k	272.5k	277.5k	282.5k	287.5k	292.5k	297.5k	302.5k	307.5k	312.5k	317.5k	322.5k	327.5k	332.5k	337.5k	342.5k	347.5k	352.5k	357.5k	362.5k	367.5k	372.5k	377.5k	382.5k	387.5k	392.5k	397.5k	402.5k	407.5k	412.5k	417.5k	422.5k	427.5k	432.5k	437.5k	442.5k	447.5k	452.5k	457.5k	462.5k	467.5k	472.5k	477.5k	482.5k	487.5k	492.5k	497.5k	502.5k	507.5k	512.5k	517.5k	522.5k	527.5k	532.5k	537.5k	542.5k	547.5k	552.5k	557.5k	562.5k	567.5k	572.5k	577.5k	582.5k	587.5k	592.5k	597.5k	602.5k	607.5k	612.5k	617.5k	622.5k	627.5k	632.5k	637.5k	642.5k	647.5k	652.5k	657.5k	662.5k	667.5k	672.5k	677.5k	682.5k	687.5k	692.5k	697.5k	702.5k	707.5k	712.5k	717.5k	722.5k	727.5k	732.5k	737.5k	742.5k	747.5k	752.5k	757.5k	762.5k	767.5k	772.5k	777.5k	782.5k	787.5k	792.5k	797.5k	802.5k	807.5k	812.5k	817.5k	822.5k	827.5k	832.5k	837.5k	842.5k	847.5k	852.5k	857.5k	862.5k	867.5k	872.5k	877.5k	882.5k	887.5k	892.5k	897.5k	902.5k	907.5k	912.5k	917.5k	922.5k	927.5k	932.5k	937.5k	942.5k	947.5k	952.5k	957.5k	962.5k	967.5k	972.5k	977.5k	982.5k	987.5k	992.5k	997.5k	1002.5k	1007.5k	1012.5k	1017.5k	1022.5k	1027.5k	1032.5k	1037.5k	1042.5k	1047.5k	1052.5k	1057.5k	1062.5k	1067.5k	1072.5k	1077.5k	1082.5k	1087.5k	1092.5k	1097.5k	1102.5k	1107.5k	1112.5k	1117.5k	1122.5k	1127.5k	1132.5k	1137.5k	1142.5k	1147.5k	1152.5k	1157.5k	1162.5k	1167.5k	1172.5k	1177.5k	1182.5k	1187.5k	1192.5k	1197.5k	1202.5k	1207.5k	1212.5k	1217.5k	1222.5k	1227.5k	1232.5k	1237.5k	1242.5k	1247.5k	1252.5k	1257.5k	1262.5k	1267.5k	1272.5k	1277.5k	1282.5k	1287.5k	1292.5k	1297.5k	1302.5k	1307.5k	1312.5k	1317.5k	1322.5k	1327.5k	1332.5k	1337.5k	1342.5k	1347.5k	1352.5k	1357.5k	1362.5k	1367.5k	1372.5k	1377.5k	1382.5k	1387.5k	1392.5k	1397.5k	1402.5k	1407.5k	1412.5k	1417.5k	1422.5k	1427.5k	1432.5k	1437.5k	1442.5k	1447.5k	1452.5k	1457.5k	1462.5k	1467.5k	1472.5k	1477.5k	1482.5k	1487.5k	1492.5k	1497.5k	1502.5k	1507.5k	1512.5k	1517.5k	1522.5k	1527.5k	1532.5k	1537.5k	1542.5k	1547.5k	1552.5k	1557.5k	1562.5k	1567.5k	1572.5k	1577.5k	1582.5k	1587.5k	1592.5k	1597.5k	1602.5k	1607.5k	1612.5k	1617.5k	1622.5k	1627.5k	1632.5k	1637.5k	1642.5k	1647.5k	1652.5k	1657.5k	1662.5k	1667.5k	1672.5k	1677.5k	1682.5k	1687.5k	1692.5k	1697.5k	1702.5k	1707.5k	1712.5k	1717.5k	1722.5k	1727.5k	1732.5k	1737.5k	1742.5k	1747.5k	1752.5k	1757.5k	1762.5k	1767.5k	1772.5k	1777.5k	1782.5k	1787.5k	1792.5k	1797.5k	1802.5k	1807.5k	1812.5k	1817.5k	1822.5k	1827.5k	1832.5k	1837.5k	18
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[illegible]

0.2249E 08 C.242CL 78 C.1344 06 0.1153E 06 0.6644E 07 0.2605E 07 0.5029E 36 -0.2659E 37 -0.2931E 06

51.5%	0.1202E 08 -0.1554E 08 -0.1239E 08 -0.5713E 07 -0.5599E 07 -0.7758E 06
52.5%	0.5841E 07 0.1415E 07 -0.5543E 07 -0.7612E 07 -0.7487E 07 -0.5300E 07 -0.2107E 07
53.5%	-0.4655E 07 -0.1471E 08 -0.2026E 08 -0.2359E 08 -0.2611E 08 -0.2475E 08 -0.1491E 08 -0.1275E 08 -0.4022E 07 -0.1874E 06 -0.1578E 06
54.5%	-0.9462E 07 -0.1137E 08 -0.1586E 08 -0.2494E 08 -0.5413E 08 -0.4408E 08 -0.4141E 08 -0.4276E 08 -0.3756E 08 -0.2421E 08 -0.1776E 08 -0.5313E 07
55.5%	-0.2506E 08 -0.5463E 08 -0.3904E 08 -0.4341E 08 -0.4714E 08 -0.5120E 08 -0.5588E 08 -0.5466E 08 -0.4144E 08 -0.5093E 08 -0.1743E 08 -0.3727E 07
56.5%	-0.3385E 08 -0.5177E 08 -0.4457E 08 -0.4491E 08 -0.7074E 08 -0.7055E 08 -0.6866E 08 -0.6570E 08 -0.4016E 08 -0.5223E 08 -0.4056E 08 -0.2678E 08 -0.1515E 08 -0.2267E 07
57.5%	-0.2494E 08 -0.5776E 08 -0.4366E 08 -0.4288E 08 -0.7916E 08 -0.7387E 08 -0.6758E 08 -0.5495E 08 -0.3807E 08 -0.2273E 08 -0.4856E 07 -0.4065E 06
58.5%	-0.3141E 08 -0.5781E 08 -0.4745E 08 -0.4482E 08 -0.7481E 08 -0.7455E 08 -0.6699E 08 -0.5591E 08 -0.4458E 08 -0.2774E 08 -0.2526E 08 -0.1664E 08 -0.2351E 07
59.5%	-0.2966E 08 -0.4427E 08 -0.4487E 08 -0.5365E 08 -0.5272E 08 -0.6314E 08 -0.5958E 08 -0.5193E 08 -0.3881E 08 -0.2608E 07 -0.1635E 08
60.5%	-0.1486E 08 -0.1436E 08 -0.2626E 08 -0.6274E 08 -0.5640E 08 -0.4374E 08 -0.2727E 08 -0.1297E 08 -0.6265E 07 -0.6992E 07 -0.1314E 08 -0.1522E 08 -0.1172E 08
61.5%	-0.5845E 07 -0.3174E 07 -0.6871E 07 -0.1837E 08 -0.2294E 08 -0.2751E 08 -0.2275E 08 -0.1762E 08 -0.1345E 07 -0.4006E 06
62.5%	-0.2036E 08 -0.2527E 08 -0.2219E 08 -0.2007E 08 -0.1606E 08 -0.9409E 07 -0.5900E 07 -0.2560E 07 -0.3471E 06 -0.2661E 07 -0.2707E 07 -0.3008E 06
63.5%	
64.5%	
65.5%	
66.5%	
67.5%	
68.5%	
69.5%	
70.5%	
71.5%	
72.5%	
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96.5%	
97.5%	
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99.5%	
100.5%	

RELIEF EXPANSION OF THE STREAM PLUNCTION COMPONENT NO. 33

52.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5C	07.5E
										0.1012E 08	0.1194E 08	0.1155E 08	0.1085E 07	0.5204E 07	0.7444E 06		
57.5N										0.3232E 07	0.1263E 17	-0.5565E 07	-0.7671E 07	-0.5254E 07	-0.2122E 07		
52.5N										-0.8295E 07	-0.1958E 08	-0.2286E 16	-0.3323E 08	-0.2411E 08	-0.1951E 08	-0.5000E 07	0.1101E 05
47.5N										-0.8295E 07	-0.1958E 08	-0.2286E 16	-0.3323E 08	-0.2411E 08	-0.1951E 08	-0.5000E 07	0.1101E 05
42.5N										-0.4037E 07	-0.1038E 08	-0.1531E 08	-0.2000E 08	-0.2400E 08	-0.2800E 08	-0.3200E 08	-0.3600E 08
37.5N										-0.2551E 08	-0.6124E 08	-0.6592E 08	-0.6992E 08	-0.7392E 08	-0.7792E 08	-0.8192E 08	-0.8592E 08
32.5N										-0.4194E 08	-0.5057E 08	-0.6124E 08	-0.6592E 08	-0.6992E 08	-0.7392E 08	-0.7792E 08	-0.8192E 08
27.5N										-0.2970E 08	-0.5344E 08	-0.6841E 08	-0.7664E 08	-0.7934E 08	-0.8184E 08	-0.8414E 08	-0.8644E 08
22.5N										-0.3494E 08	-0.5404E 08	-0.6594E 08	-0.7654E 08	-0.8554E 08	-0.9254E 08	-0.9854E 08	-1.0454E 08
17.5N										-0.2745E 08	-0.4604E 08	-0.5704E 08	-0.6504E 08	-0.7104E 08	-0.7604E 08	-0.8004E 08	-0.8404E 08
12.5N										-0.1204E 08	-0.2104E 08	-0.2604E 08	-0.3004E 08	-0.3404E 08	-0.3804E 08	-0.4204E 08	-0.4604E 08
07.5N										-0.6204E 07	-0.1020E 07	-0.5084E 07	-0.5084E 07	-0.5084E 07	-0.5084E 07	-0.5084E 07	-0.5084E 07
02.5N										0.1944E 08	0.2334E 08	0.2684E 10	0.3084E 08	0.3484E 08	0.3884E 08	0.4284E 08	0.4684E 08

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07.5E

C.0758E 07 0.1293E C8 C.1C08E C6 C.7971E 07 0.466NE 07 0.681NE 06

0.2501E 07 0.4989E 06 -0.5542E 07 -0.7463E 07 -0.7434E 07 -0.5232E 07 -0.2188E 07

-0.7620E 07 -0.1313E 08 -0.1827E 08 -0.2145E 08 -0.2376E 08 -0.2234E 08 -C.1637E 08 -0.1231E 08 -0.5090E 07 -0.2168E 06 0.5418E 05

-0.0152E 07 -0.1017E 08 -0.1421E 08 -0.2220E 08 -0.3045E 08 -0.3655E 08 -0.3764E 08 -0.3771E 08 -0.3447E 08 -0.2740E 08 -0.1766E 08 -0.5594E 07

0.2071E 0E -0.2966E 0E -0.3422E 0E -0.4227E 0E -0.4619E 0E -0.5031E 0E -0.5505E 0E -0.4593E 0E -0.3851E 0E -0.2948E 0E -0.1716E 0E -0.4159E 07

0.271E 08 -0.447E 0E -0.552E 0H -0.602E 0H -0.627E 0H -0.637E 0H -0.601E 0H -0.557E 0H -0.449E 0H -0.384E 0H -0.152E 0H -0.303E 07

0.251E 08 - 0.655E 08 - 0.6079E 08 - 0.6224E 08 - 0.335E 08 - 0.7171E 08 - 0.7357E 08 - 0.7171E 08 - 0.6771E 08 - 0.6250E 08 - 0.5588E 08 - 0.4801E 08 - 0.3655E 08 - 0.262E 0E - 0.914E 07 - 0.647E 05

[illegible]

Variable	Mean	SD	Min	Max	Skewness	Kurtosis	Normality
Age	38.5	12.5	20	65	-0.1	3.2	0.95
Gender	0.5	0.5	0	1	0.1	3.0	0.98
Marital Status	0.6	0.5	0	1	0.2	3.1	0.96
Education	12.5	2.5	9	16	-0.2	3.3	0.94
Income	1500	500	500	3000	0.3	3.4	0.92
Occupation	0.4	0.4	0	1	0.1	3.0	0.97
Health	0.7	0.4	0	1	0.2	3.1	0.95
Stress	0.6	0.5	0	1	0.1	3.0	0.98
Depression	0.5	0.5	0	1	0.1	3.0	0.97
Life Satisfaction	0.4	0.4	0	1	0.2	3.1	0.94
Resilience	0.6	0.4	0	1	0.1	3.0	0.96
Self-Esteem	0.5	0.5	0	1	0.1	3.0	0.97
Optimism	0.6	0.4	0	1	0.2	3.1	0.94
Emotional Stability	0.7	0.3	0	1	0.1	3.0	0.98
Life Satisfaction	0.4	0.4	0	1	0.2	3.1	0.94
Resilience	0.6	0.4	0	1	0.1	3.0	0.96
Self-Esteem	0.5	0.5	0	1	0.1	3.0	0.97
Optimism	0.6	0.4	0	1	0.2	3.1	0.94
Emotional Stability	0.7	0.3	0	1	0.1	3.0	0.98

Variable	Mean	SD	Min	Max	Skewness	Kurtosis	Normality
Age	35.2	12.5	18	65	-0.1	3.2	0.98
Gender	0.5	0.5	0	1	0.1	3.0	0.99
Marital Status	0.3	0.5	0	1	-0.2	3.1	0.97
Education	12.5	2.5	8	16	-0.3	3.3	0.96
Income	1500	500	500	3000	0.5	3.5	0.95
Occupation	1.5	1.5	1	5	-0.1	3.2	0.98
Health Status	0.7	0.4	0	1	-0.2	3.1	0.97
Stress Level	2.5	1.5	1	5	0.2	3.4	0.94
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health	4.0	1.0	1	5	-0.2	3.1	0.97
Mental Health	3.0	1.0	1	5	-0.1	3.2	0.98
Social Support	2.5	1.0	1	4	-0.2	3.1	0.97
Life Satisfaction	3.5	1.0	1	5	-0.1	3.2	0.98
Resilience	2.0	1.0	1	4	-0.2	3.1	0.97
Emotional Stability	3.0	1.0	1	5	-0.1	3.2	0.98
Physical Health							

0.660E 07	-0.551E 07	0.218E 07	0.124E 08	0.172E 08	0.220E 08	0.100E 08	0.152E 08	0.415E 07	0.480E 08
0.660E 07	-0.551E 07	0.218E 07	0.124E 08	0.172E 08	0.220E 08	0.100E 08	0.152E 08	0.415E 07	0.480E 08

0.1527E 08 0.1002E 08 0.1410E 08 0.1666E 08 0.1455E 08 0.1484E 07 0.2404E 07 0.3446E 07 0.3488E 07 0.2170E 07 -0.2421E 07 -0.3082E 07

TABLE 1. COEFFICIENTS OF THE STRAIN FUNCTION-COMPONENT NO. 37

52.5N	57.5	62.5	67.5	72.5	77.5	82.5	87.5	92.5	97.5	102.5N	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	247.5	252.5	257.5	262.5	267.5	272.5	277.5	282.5	287.5	292.5	297.5	302.5	307.5	312.5	317.5	322.5	327.5	332.5	337.5	342.5	347.5	352.5	357.5	362.5	367.5	372.5	377.5	382.5	387.5	392.5	397.5	402.5	407.5	412.5	417.5	422.5	427.5	432.5	437.5	442.5	447.5	452.5	457.5	462.5	467.5	472.5	477.5	482.5	487.5	492.5	497.5	502.5	507.5	512.5	517.5	522.5	527.5	532.5	537.5	542.5	547.5	552.5	557.5	562.5	567.5	572.5	577.5	582.5	587.5	592.5	597.5	602.5	607.5	612.5	617.5	622.5	627.5	632.5	637.5	642.5	647.5	652.5	657.5	662.5	667.5	672.5	677.5	682.5	687.5	692.5	697.5	702.5	707.5	712.5	717.5	722.5	727.5	732.5	737.5	742.5	747.5	752.5	757.5	762.5	767.5	772.5	777.5	782.5	787.5	792.5	797.5	802.5	807.5	812.5	817.5	822.5	827.5	832.5	837.5	842.5	847.5	852.5	857.5	862.5	867.5	872.5	877.5	882.5	887.5	892.5	897.5	902.5	907.5	912.5	917.5	922.5	927.5	932.5	937.5	942.5	947.5	952.5	957.5	962.5	967.5	972.5	977.5	982.5	987.5	992.5	997.5	1002.5	1007.5	1012.5	1017.5	1022.5	1027.5	1032.5	1037.5	1042.5	1047.5	1052.5	1057.5	1062.5	1067.5	1072.5	1077.5	1082.5	1087.5	1092.5	1097.5	1102.5	1107.5	1112.5	1117.5	1122.5	1127.5	1132.5	1137.5	1142.5	1147.5	1152.5	1157.5	1162.5	1167.5	1172.5	1177.5	1182.5	1187.5	1192.5	1197.5	1202.5	1207.5	1212.5	1217.5	1222.5	1227.5	1232.5	1237.5	1242.5	1247.5	1252.5	1257.5	1262.5	1267.5	1272.5	1277.5	1282.5	1287.5	1292.5	1297.5	1302.5	1307.5	1312.5	1317.5	1322.5	1327.5	1332.5	1337.5	1342.5	1347.5	1352.5	1357.5	1362.5	1367.5	1372.5	1377.5	1382.5	1387.5	1392.5	1397.5	1402.5	1407.5	1412.5	1417.5	1422.5	1427.5	1432.5	1437.5	1442.5	1447.5	1452.5	1457.5	1462.5	1467.5	1472.5	1477.5	1482.5	1487.5	1492.5	1497.5	1502.5	1507.5	1512.5	1517.5	1522.5	1527.5	1532.5	1537.5	1542.5	1547.5	1552.5	1557.5	1562.5	1567.5	1572.5	1577.5	1582.5	1587.5	1592.5	1597.5	1602.5	1607.5	1612.5	1617.5	1622.5	1627.5	1632.5	1637.5	1642.5	1647.5	1652.5	1657.5	1662.5	1667.5	1672.5	1677.5	1682.5	1687.5	1692.5	1697.5	1702.5	1707.5	1712.5	1717.5	1722.5	1727.5	1732.5	1737.5	1742.5	1747.5	1752.5	1757.5	1762.5	1767.5	1772.5	1777.5	1782.5	1787.5	1792.5	1797.5	1802.5	1807.5	1812.5	1817.5	1822.5	1827.5	1832.5	1837.5	1842.5	1847.5	1852.5	1857.5	1862.5	1867.5	1872.5	1877.5	1882.5	1887.5	1892.5	1897.5	1902.5	1907.5	1912.5	1917.5	1922.5	1927.5	1932.5	1937.5	1942.5	1947.5	1952.5	1957.5	1962.5	1967.5	1972.5	1977.5	1982.5	1987.5	1992.5	1997.5	2002.5	2007.5	2012.5	2017.5	2022.5	2027.5	2032.5	2037.5	2042.5	2047.5	2052.5	2057.5	2062.5	2067.5	2072.5	2077.5	2082.5	2087.5	2092.5	2097.5	2102.5	2107.5	2112.5	2117.5	2122.5	2127.5	2132.5	2137.5	2142.5	2147.5	2152.5	2157.5	2162.5	2167.5	2172.5	2177.5	2182.5	2187.5	2192.5	2197.5	2202.5	2207.5	2212.5	2217.5	2222.5	2227.5	2232.5	2237.5	2242.5	2247.5	2252.5	2257.5	2262.5	2267.5	2272.5	2277.5	2282.5	2287.5	2292.5	2297.5	2302.5	2307.5	2312.5	2317.5	2322.5	2327.5	2332.5	2337.5	2342.5	2347.5	2352.5	2357.5	2362.5	2367.5	2372.5	2377.5	2382.5	2387.5	2392.5	2397.5	2402.5	2407.5	2412.5	2417.5	2422.5	2427.5	2432.5	2437.5	2442.5	2447.5	2452.5	2457.5	2462.5	2467.5	2472.5	2477.5	2482.5	2487.5	2492.5	2497.5	2502.5	2507.5	2512.5	2517.5	2522.5	2527.5	2532.5	2537.5	2542.5	2547.5	2552.5	2557.5	2562.5	2567.5	2572.5	2577.5	2582.5	2587.5	2592.5	2597.5	2602.5	2607.5	2612.5	2617.5	2622.5	2627.5	2632.5	2637.5	2642.5	2647.5	2652.5	2657.5	2662.5	2667.5	2672.5	2677.5	2682.5	2687.5	2692.5	2697.5	2702.5	2707.5	2712.5	2717.5	2722.5	2727.5	2732.5	2737.5	2742.5	2747.5	2752.5	2757.5	2762.5	2767.5	2772.5	2777.5	2782.5	2787.5	2792.5	2797.5	2802.5	2807.5	2812.5	2817.5	2822.5	2827.5	2832.5	2837.5	2842.5	2847.5	2852.5	2857.5	2862.5	2867.5	2872.5	2877.5	2882.5	2887.5	2892.5	2897.5	2902.5	2907.5	2912.5	2917.5	2922.5	2927.5	2932.5	2937.5	2942.5	2947.5	2952.5	2957.5	2962.5	2967.5	2972.5	2977.5	2982.5	2987.5	2992.5	2997.5	3002.5	3007.5	3012.5	3017.5	3022.5	3027.5	3032.5	3037.5	3042.5	3047.5	3052.5	3057.5	3062.5	3067.5	3072.5	3077.5	3082.5	3087.5	3092.5	3097.5	3102.5	3107.5	3112.5	3117.5	3122.5	3127.5	3132.5	3137.5	3142.5	3147.5	3152.5	3157.5	3162.5	3167.5	3172.5	3177.5	3182.5	3187.5	3192.5	3197.5	3202.5	3207.5	3212.5	3217.5	3222.5	3227.5	3232.5	3237.5	3242.5	3247.5	3252.5	3257.5	3262.5	3267.5	3272.5	3277.5	3282.5	3287.5	3292.5	3297.5	3302.5	3307.5	3312.5	3317.5	3322.5	3327.5	3332.5	3337.5	3342.5	3347.5	3352.5	3357.5	3362.5	3367.5	3372.5	3377.5	3382.5	3387.5	3392.5	3397.5	3402.5	3407.5	3412.5	3417.5	3422.5	3427.5	3432.5	3437.5	3442.5	3447.5	3452.5	3457.5	3462.5	3467.5	3472.5	3477.5	3482.5	3487.5	3492.5	3497.5	3502.5	3507.5	3512.5	3517.5	3522.5	3527.5	3532.5	3537.5	3542.5	3547.5	3552.5	3557.5	3562.5	3567.5	3572.5	3577.5	3582.5	3587.5	3592.5	3597.5	3602.5	3607.5	3612.5	3617.5	3622.5	3627.5	3632.5	3637.5	3642.5	3647.5	3652.5	3657.5	3662.5	3667.5	3672.5	3677.5	3682.5	3687.5	3692.5	3697.5	3702.5	3707.5	3712.5	3717.5	3722.5	3727.5	3732.5	3737.5	3742.5	3747.5	3752.5	3757.5	3762.5	3767.5	3772.5	3777.5	3782.5	3787.5	3792.5	3797.5	3802.5	3807.5	3812.5	3817.5	3822.5	3827.5	3832.5	3837.5	3842.5	3847.5	3852.5	3857.5	3862.5	3867.5	3872.5	3877.5	3882.5	3887.5	3892.5	3897.5	3902.5	3907.5	3912.5	3917.5	3922.5	3927.5	3932.5	3937.5	3942.5	3947.5	3952.5	3957.5	3962.5	3967.5	3972.5	3977.5	3982.5	3987.5	3992.5	3997.5	4002.5	4007.5	4012.5	4017.5	4022.5	4027.5	4032.5	4037.5	4042.5	4047.5	4052.5	4057.5	4062.5	4067.5	4072.5	4077.5	4082.5	4087.5	4092.5	4097.5	4102.5	4107.5	4112.5	4117.5	4122.5	4127.5	4132.5	4137.5	4142.5	4147.5	4152.5	4157.5	4162.5	4167.5	4172.5	4177.5	4182.5	4187.5	4192.5	4197.5	4202.5	4207.5	4212.5	4217.5	4222.5	4227.5	4232.5	4237.5	4242.5	4247.5	4252.5	4257.5	4262.5	4267.5	4272.5	4277.5	4282.5	4287.5	4292.5	4297.5	4302.5	4307.5	4312.5	4317.5	4322.5	4327.5	4332.5	4337.5	4342.5	4347.5	4352.5	4357.5	4362.5	4367.5	4372.5	4377.5	4382.5	4387.5	4392.5	4397.5	4402.5	4407.5	4412.5	4417.5	4422.5	4427.5	4432.5	4437.5	4442.5	4447.5	4452.5	4457.5	4462.5	4467.5	4472.5	4477.5	4482.5	4487.5	4492.5	4497.5	4502.5	4507.5	4512.5	4517.5	4522.5	4527.5	4532.5	4537.5	4542.5	4547.5	4552.5	4557.5	4562.5	4567.5	4572.5	4577.5	4582.5	4587.5	4592.5	4597.5	4602.5	4607.5	4612.5	4617.5	4622.5	4627.5	4632.5	4637.5	4642.5	4647.5	4652.5	4657.5	4662.5	4667.5	4672.5	4677.5	4682.5	4687.5	4692.5	4697.5	4702.5	4707.5	4712.5	4717.5	4722.5	4727.5	4732.5	4737.5	4742.5	4747.5	4752.5	4757.5	4762.5	4767.5	4772.5	4777.5	4782.5	4787.5	4792.5	4797.5	4802.5	4807.5	4812.5	4817.5	4822.5	4827.5	4832.5	4837.5	4842.5	4847.5	4852.5	4857.5	4862.5	4867.5	4872.5	4877.5	4882.5	4887.5	4892.5	4897.5	4902.5	4907.5	4912.5	4917.5	4922.5	4927.5	4932.5	4937.5	4942.5	4947.5	4952.5	4957.5	4962.5	4967.5	4972.5	4977.5	4982.5	4987.5	4992.5	4997.5	5002.5	5007.5	5012.5	5017.5	5022.5	5027.5	5032.5	5037.5	5042.5	5047.5	5052.5	5057.5	5062.5	5067.5	5072.5	5077.5	5082.5	5087.5	5092.5	5097.5	5102.5	5107.5	5112.5	5117.5	5122.5	5127.5	5132.5	5137.5	5142.5	5147.5	5152.5	5157.5	5162.5	5167.5	5172.5	5177.5	5182.5	5187.5	5192.5	5197.5	5202.5	5207.5	5212.5	5217.5	5222.5	5227.5	5232.5	5237.5	5242.5	5247.5	5252.5	5257.5	5262.5	5267.5	5272.5	5277.5	5282.5	5287.5	5292.5	5297.5	5302.5	5307.5	5312.5	5317.5	5322.5	5327.5	5332.5	5337.5	5342.5	5347.5	5352.5	5357.5	5362.5	5367.5	5372.5	5377.5	5382.5	5387.5	5392.5	5397.5	5402.5	5407.5	5412.5	5417.5	5422.5	5427.5	5432.5	5437.5	5442.5	5447.5	5452.5	5457.5	5462.5	5467.5	5472.5	5477.5	5482.5	5487.5	5492.5	5497.5	5502.5	5507.5	5512.5	5517.5	5522.5	5527.5	5532.5	5537.5	5542.5	5547.5	5552.5	5557.5	5562.5	5567.5	5572.5	5577.5	5582.5	5587.5	5592.5	5597.5	5602.5	5607.5	5612.5	5617.5	5622.5	5627.5	5632.5	5637.5	5642.5	5647.5	5652.5	5657.5	5662.5	5667.5	5672.5	5677.5	5682.5	5687.5	5692.5	5697.5	5702.5	5707.5	5712.5	5717.5	5722.5	57
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[illegible]

07.5E

[illegible]

COEFFICIENT EXPANSION OF THE STRAIN FUNCTION COMPONENT α_{22} IN

	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5	67.5	72.5	77.5	82.5	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	247.5	252.5	257.5	262.5	267.5	272.5	277.5	282.5	287.5	292.5	297.5	302.5	307.5	312.5	317.5	322.5	327.5	332.5	337.5	342.5	347.5	352.5	357.5	362.5	367.5	372.5	377.5	382.5	387.5	392.5	397.5	402.5	407.5	412.5	417.5	422.5	427.5	432.5	437.5	442.5	447.5	452.5	457.5	462.5	467.5	472.5	477.5	482.5	487.5	492.5	497.5	502.5	507.5	512.5	517.5	522.5	527.5	532.5	537.5	542.5	547.5	552.5	557.5	562.5	567.5	572.5	577.5	582.5	587.5	592.5	597.5	602.5	607.5	612.5	617.5	622.5	627.5	632.5	637.5	642.5	647.5	652.5	657.5	662.5	667.5	672.5	677.5	682.5	687.5	692.5	697.5	702.5	707.5	712.5	717.5	722.5	727.5	732.5	737.5	742.5	747.5	752.5	757.5	762.5	767.5	772.5	777.5	782.5	787.5	792.5	797.5	802.5	807.5	812.5	817.5	822.5	827.5	832.5	837.5	842.5	847.5	852.5	857.5	862.5	867.5	872.5	877.5	882.5	887.5	892.5	897.5	902.5	907.5	912.5	917.5	922.5	927.5	932.5	937.5	942.5	947.5	952.5	957.5	962.5	967.5	972.5	977.5	982.5	987.5	992.5	997.5	1002.5	1007.5	1012.5	1017.5	1022.5	1027.5	1032.5	1037.5	1042.5	1047.5	1052.5	1057.5	1062.5	1067.5	1072.5	1077.5	1082.5	1087.5	1092.5	1097.5	1102.5	1107.5	1112.5	1117.5	1122.5	1127.5	1132.5	1137.5	1142.5	1147.5	1152.5	1157.5	1162.5	1167.5	1172.5	1177.5	1182.5	1187.5	1192.5	1197.5	1202.5	1207.5	1212.5	1217.5	1222.5	1227.5	1232.5	1237.5	1242.5	1247.5	1252.5	1257.5	1262.5	1267.5	1272.5	1277.5	1282.5	1287.5	1292.5	1297.5	1302.5	1307.5	1312.5	1317.5	1322.5	1327.5	1332.5	1337.5	1342.5	1347.5	1352.5	1357.5	1362.5	1367.5	1372.5	1377.5	1382.5	1387.5	1392.5	1397.5	1402.5	1407.5	1412.5	1417.5	1422.5	1427.5	1432.5	1437.5	1442.5	1447.5	1452.5	1457.5	1462.5	1467.5	1472.5	1477.5	1482.5	1487.5	1492.5	1497.5	1502.5	1507.5	1512.5	1517.5	1522.5	1527.5	1532.5	1537.5	1542.5	1547.5	1552.5	1557.5	1562.5	1567.5	1572.5	1577.5	1582.5	1587.5	1592.5	1597.5	1602.5	1607.5	1612.5	1617.5	1622.5	1627.5	1632.5	1637.5	1642.5	1647.5	1652.5	1657.5	1662.5	1667.5	1672.5	1677.5	1682.5	1687.5	1692.5	1697.5	1702.5	1707.5	1712.5	1717.5	1722.5	1727.5	1732.5	1737.5	1742.5	1747.5	1752.5	1757.5	1762.5	1767.5	1772.5	1777.5	1782.5	1787.5	1792.5	1797.5	1802.5	1807.5	1812.5	1817.5	1822.5	1827.5	1832.5	1837.5	1842.5	1847.5	1852.5	1857.5	1862.5	1867.5	1872.5	1877.5	1882.5	1887.5	1892.5	1897.5	1902.5	1907.5	1912.5	1917.5	1922.5	1927.5	1932.5	1937.5	1942.5	1947.5	1952.5	1957.5	1962.5	1967.5	1972.5	1977.5	1982.5	1987.5	1992.5	1997.5	2002.5	2007.5	2012.5	2017.5	2022.5	2027.5	2032.5	2037.5	2042.5	2047.5	2052.5	2057.5	2062.5	2067.5	2072.5	2077.5	2082.5	2087.5	2092.5	2097.5	2102.5	2107.5	2112.5	2117.5	2122.5	2127.5	2132.5	2137.5	2142.5	2147.5	2152.5	2157.5	2162.5	2167.5	2172.5	2177.5	2182.5	2187.5	2192.5	2197.5	2202.5	2207.5	2212.5	2217.5	2222.5	2227.5	2232.5	2237.5	2242.5	2247.5	2252.5	2257.5	2262.5	2267.5	2272.5	2277.5	2282.5	2287.5	2292.5	2297.5	2302.5	2307.5	2312.5	2317.5	2322.5	2327.5	2332.5	2337.5	2342.5	2347.5	2352.5	2357.5	2362.5	2367.5	2372.5	2377.5	2382.5	2387.5	2392.5	2397.5	2402.5	2407.5	2412.5	2417.5	2422.5	2427.5	2432.5	2437.5	2442.5	2447.5	2452.5	2457.5	2462.5	2467.5	2472.5	2477.5	2482.5	2487.5	2492.5	2497.5	2502.5	2507.5	2512.5	2517.5	2522.5	2527.5	2532.5	2537.5	2542.5	2547.5	2552.5	2557.5	2562.5	2567.5	2572.5	2577.5	2582.5	2587.5	2592.5	2597.5	2602.5	2607.5	2612.5	2617.5	2622.5	2627.5	2632.5	2637.5	2642.5	2647.5	2652.5	2657.5	2662.5	2667.5	2672.5	2677.5	2682.5	2687.5	2692.5	2697.5	2702.5	2707.5	2712.5	2717.5	2722.5	2727.5	2732.5	2737.5	2742.5	2747.5	2752.5	2757.5	2762.5	2767.5	2772.5	2777.5	2782.5	2787.5	2792.5	2797.5	2802.5	2807.5	2812.5	2817.5	2822.5	2827.5	2832.5	2837.5	2842.5	2847.5	2852.5	2857.5	2862.5	2867.5	2872.5	2877.5	2882.5	2887.5	2892.5	2897.5	2902.5	2907.5	2912.5	2917.5	2922.5	2927.5	2932.5	2937.5	2942.5	2947.5	2952.5	2957.5	2962.5	2967.5	2972.5	2977.5	2982.5	2987.5	2992.5	2997.5	3002.5	3007.5	3012.5	3017.5	3022.5	3027.5	3032.5	3037.5	3042.5	3047.5	3052.5	3057.5	3062.5	3067.5	3072.5	3077.5	3082.5	3087.5	3092.5	3097.5	3102.5	3107.5	3112.5	3117.5	3122.5	3127.5	3132.5	3137.5	3142.5	3147.5	3152.5	3157.5	3162.5	3167.5	3172.5	3177.5	3182.5	3187.5	3192.5	3197.5	3202.5	3207.5	3212.5	3217.5	3222.5	3227.5	3232.5	3237.5	3242.5	3247.5	3252.5	3257.5	3262.5	3267.5	3272.5	3277.5	3282.5	3287.5	3292.5	3297.5	3302.5	3307.5	3312.5	3317.5	3322.5	3327.5	3332.5	3337.5	3342.5	3347.5	3352.5	3357.5	3362.5	3367.5	3372.5	3377.5	3382.5	3387.5	3392.5	3397.5	3402.5	3407.5	3412.5	3417.5	3422.5	3427.5	3432.5	3437.5	3442.5	3447.5	3452.5	3457.5	3462.5	3467.5	3472.5	3477.5	3482.5	3487.5	3492.5	3497.5	3502.5	3507.5	3512.5	3517.5	3522.5	3527.5	3532.5	3537.5	3542.5	3547.5	3552.5	3557.5	3562.5	3567.5	3572.5	3577.5	3582.5	3587.5	3592.5	3597.5	3602.5	3607.5	3612.5	3617.5	3622.5	3627.5	3632.5	3637.5	3642.5	3647.5	3652.5	3657.5	3662.5	3667.5	3672.5	3677.5	3682.5	3687.5	3692.5	3697.5	3702.5	3707.5	3712.5	3717.5	3722.5	3727.5	3732.5	3737.5	3742.5	3747.5	3752.5	3757.5	3762.5	3767.5	3772.5	3777.5	3782.5	3787.5	3792.5	3797.5	3802.5	3807.5	3812.5	3817.5	3822.5	3827.5	3832.5	3837.5	3842.5	3847.5	3852.5	3857.5	3862.5	3867.5	3872.5	3877.5	3882.5	3887.5	3892.5	3897.5	3902.5	3907.5	3912.5	3917.5	3922.5	3927.5	3932.5	3937.5	3942.5	3947.5	3952.5	3957.5	3962.5	3967.5	3972.5	3977.5	3982.5	3987.5	3992.5	3997.5	4002.5	4007.5	4012.5	4017.5	4022.5	4027.5	4032.5	4037.5	4042.5	4047.5	4052.5	4057.5	4062.5	4067.5	4072.5	4077.5	4082.5	4087.5	4092.5	4097.5	4102.5	4107.5	4112.5	4117.5	4122.5	4127.5	4132.5	4137.5	4142.5	4147.5	4152.5	4157.5	4162.5	4167.5	4172.5	4177.5	4182.5	4187.5	4192.5	4197.5	4202.5	4207.5	4212.5	4217.5	4222.5	4227.5	4232.5	4237.5	4242.5	4247.5	4252.5	4257.5	4262.5	4267.5	4272.5	4277.5	4282.5	4287.5	4292.5	4297.5	4302.5	4307.5	4312.5	4317.5	4322.5	4327.5	4332.5	4337.5	4342.5	4347.5	4352.5	4357.5	4362.5	4367.5	4372.5	4377.5	4382.5	4387.5	4392.5	4397.5	4402.5	4407.5	4412.5	4417.5	4422.5	4427.5	4432.5	4437.5	4442.5	4447.5	4452.5	4457.5	4462.5	4467.5	4472.5	4477.5	4482.5	4487.5	4492.5	4497.5	4502.5	4507.5	4512.5	4517.5	4522.5	4527.5	4532.5	4537.5	4542.5	4547.5	4552.5	4557.5	4562.5	4567.5	4572.5	4577.5	4582.5	4587.5	4592.5	4597.5	4602.5	4607.5	4612.5	4617.5	4622.5	4627.5	4632.5	4637.5	4642.5	4647.5	4652.5	4657.5	4662.5	4667.5	4672.5	4677.5	4682.5	4687.5	4692.5	4697.5	4702.5	4707.5	4712.5	4717.5	4722.5	4727.5	4732.5	4737.5	4742.5	4747.5	4752.5	4757.5	4762.5	4767.5	4772.5	4777.5	4782.5	4787.5	4792.5	4797.5	4802.5	4807.5	4812.5	4817.5	4822.5	4827.5	4832.5	4837.5	4842.5	4847.5	4852.5	4857.5	4862.5	4867.5	4872.5	4877.5	4882.5	4887.5	4892.5	4897.5	4902.5	4907.5	4912.5	4917.5	4922.5	4927.5	4932.5	4937.5	4942.5	4947.5	4952.5	4957.5	4962.5	4967.5	4972.5	4977.5	4982.5	4987.5	4992.5	4997.5	5002.5	5007.5	5012.5	5017.5	5022.5	5027.5	5032.5	5037.5	5042.5	5047.5	5052.5	5057.5	5062.5	5067.5	5072.5	5077.5	5082.5	5087.5	5092.5	5097.5	5102.5	5107.5	5112.5	5117.5	5122.5	5127.5	5132.5	5137.5	5142.5	5147.5	5152.5	5157.5	5162.5	5167.5	5172.5	5177.5	5182.5	5187.5	5192.5	5197.5	5202.5	5207.5	5212.5	5217.5	5222.5	5227.5	5232.5	5237.5	5242.5	5247.5	5252.5	5257.5	5262.5	5267.5	5272.5	5277.5	5282.5	5287.5	5292.5	5297.5	5302.5	5307.5	5312.5	5317.5	5322.5	5327.5	5332.5	5337.5	5342.5	5347.5	5352.5	5357.5	5362.5	5367.5	5372.5	5377.5	5382.5	5387.5	5392.5	5397.5	5402.5	5407.5	5412.5	5417.5	5422.5	5427.5	5432.5	5437.5	5442.5	5447.5	5452.5	5457.5	5462.5	5467.5	5472.5	5477.5	5482.5	5487.5	5492.5	5497.5	5502.5	5507.5	5512.5	5517.5	5522.5	5527.5	5532.5	5537.5	5542.5	5547.5	5552.5	5557.5	5562.5	5567.5	5572.5	5577.5	5582.5	5587.5	5592.5	5597.5	5602.5	5607.5	5612.5	5617.5	5622.5	5627.5	5632.5	5637.5	5642.5	5647.5	5652.5	5657.5	5662.5	5667.5	5672.5	5677.5	5682.5	5687.5	5692.5	5697.5
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[illegible]

UBER EXPANSION OF THE SINEW FUNCTION-COMPONENT NO. 42

	66.5h	72.5	78.5	84.5	90.5	96.5	102.5	108.5	114.5	120.5	126.5	132.5	138.5	144.5	150.5	156.5	162.5	168.5	174.5	180.5	186.5	192.5	198.5	204.5	210.5	216.5	222.5	228.5	234.5	240.5	246.5	252.5	258.5	264.5	270.5	276.5	282.5	288.5	294.5	300.5	306.5	312.5	318.5	324.5	330.5	336.5	342.5	348.5	354.5	360.5	366.5	372.5	378.5	384.5	390.5	396.5	402.5	408.5	414.5	420.5	426.5	432.5	438.5	444.5	450.5	456.5	462.5	468.5	474.5	480.5	486.5	492.5	498.5	504.5	510.5	516.5	522.5	528.5	534.5	540.5	546.5	552.5	558.5	564.5	570.5	576.5	582.5	588.5	594.5	600.5	606.5	612.5	618.5	624.5	630.5	636.5	642.5	648.5	654.5	660.5	666.5	672.5	678.5	684.5	690.5	696.5	702.5	708.5	714.5	720.5	726.5	732.5	738.5	744.5	750.5	756.5	762.5	768.5	774.5	780.5	786.5	792.5	798.5	804.5	810.5	816.5	822.5	828.5	834.5	840.5	846.5	852.5	858.5	864.5	870.5	876.5	882.5	888.5	894.5	900.5	906.5	912.5	918.5	924.5	930.5	936.5	942.5	948.5	954.5	960.5	966.5	972.5	978.5	984.5	990.5	996.5	1002.5	1008.5	1014.5	1020.5	1026.5	1032.5	1038.5	1044.5	1050.5	1056.5	1062.5	1068.5	1074.5	1080.5	1086.5	1092.5	1098.5	1104.5	1110.5	1116.5	1122.5	1128.5	1134.5	1140.5	1146.5	1152.5	1158.5	1164.5	1170.5	1176.5	1182.5	1188.5	1194.5	1200.5	1206.5	1212.5	1218.5	1224.5	1230.5	1236.5	1242.5	1248.5	1254.5	1260.5	1266.5	1272.5	1278.5	1284.5	1290.5	1296.5	1302.5	1308.5	1314.5	1320.5	1326.5	1332.5	1338.5	1344.5	1350.5	1356.5	1362.5	1368.5	1374.5	1380.5	1386.5	1392.5	1398.5	1404.5	1410.5	1416.5	1422.5	1428.5	1434.5	1440.5	1446.5	1452.5	1458.5	1464.5	1470.5	1476.5	1482.5	1488.5	1494.5	1500.5	1506.5	1512.5	1518.5	1524.5	1530.5	1536.5	1542.5	1548.5	1554.5	1560.5	1566.5	1572.5	1578.5	1584.5	1590.5	1596.5	1602.5	1608.5	1614.5	1620.5	1626.5	1632.5	1638.5	1644.5	1650.5	1656.5	1662.5	1668.5	1674.5	1680.5	1686.5	1692.5	1698.5	1704.5	1710.5	1716.5	1722.5	1728.5	1734.5	1740.5	1746.5	1752.5	1758.5	1764.5	1770.5	1776.5	1782.5	1788.5	1794.5	1800.5	1806.5	1812.5	1818.5	1824.5	1830.5	1836.5	1842.5	1848.5	1854.5	1860.5	1866.5	1872.5	1878.5	1884.5	1890.5	1896.5	1902.5	1908.5	1914.5	1920.5	1926.5	1932.5	1938.5	1944.5	1950.5	1956.5	1962.5	1968.5	1974.5	1980.5	1986.5	1992.5	1998.5	2004.5	2010.5	2016.5	2022.5	2028.5	2034.5	2040.5	2046.5	2052.5	2058.5	2064.5	2070.5	2076.5	2082.5	2088.5	2094.5	2100.5	2106.5	2112.5	2118.5	2124.5	2130.5	2136.5	2142.5	2148.5	2154.5	2160.5	2166.5	2172.5	2178.5	2184.5	2190.5	2196.5	2202.5	2208.5	2214.5	2220.5	2226.5	2232.5	2238.5	2244.5	2250.5	2256.5	2262.5	2268.5	2274.5	2280.5	2286.5	2292.5	2298.5	2304.5	2310.5	2316.5	2322.5	2328.5	2334.5	2340.5	2346.5	2352.5	2358.5	2364.5	2370.5	2376.5	2382.5	2388.5	2394.5	2400.5	2406.5	2412.5	2418.5	2424.5	2430.5	2436.5	2442.5	2448.5	2454.5	2460.5	2466.5	2472.5	2478.5	2484.5	2490.5	2496.5	2502.5	2508.5	2514.5	2520.5	2526.5	2532.5	2538.5	2544.5	2550.5	2556.5	2562.5	2568.5	2574.5	2580.5	2586.5	2592.5	2598.5	2604.5	2610.5	2616.5	2622.5	2628.5	2634.5	2640.5	2646.5	2652.5	2658.5	2664.5	2670.5	2676.5	2682.5	2688.5	2694.5	2700.5	2706.5	2712.5	2718.5	2724.5	2730.5	2736.5	2742.5	2748.5	2754.5	2760.5	2766.5	2772.5	2778.5	2784.5	2790.5	2796.5	2802.5	2808.5	2814.5	2820.5	2826.5	2832.5	2838.5	2844.5	2850.5	2856.5	2862.5	2868.5	2874.5	2880.5	2886.5	2892.5	2898.5	2904.5	2910.5	2916.5	2922.5	2928.5	2934.5	2940.5	2946.5	2952.5	2958.5	2964.5	2970.5	2976.5	2982.5	2988.5	2994.5	3000.5	3006.5	3012.5	3018.5	3024.5	3030.5	3036.5	3042.5	3048.5	3054.5	3060.5	3066.5	3072.5	3078.5	3084.5	3090.5	3096.5	3102.5	3108.5	3114.5	3120.5	3126.5	3132.5	3138.5	3144.5	3150.5	3156.5	3162.5	3168.5	3174.5	3180.5	3186.5	3192.5	3198.5	3204.5	3210.5	3216.5	3222.5	3228.5	3234.5	3240.5	3246.5	3252.5	3258.5	3264.5	3270.5	3276.5	3282.5	3288.5	3294.5	3300.5	3306.5	3312.5	3318.5	3324.5	3330.5	3336.5	3342.5	3348.5	3354.5	3360.5	3366.5	3372.5	3378.5	3384.5	3390.5	3396.5	3402.5	3408.5	3414.5	3420.5	3426.5	3432.5	3438.5	3444.5	3450.5	3456.5	3462.5	3468.5	3474.5	3480.5	3486.5	3492.5	3498.5	3504.5	3510.5	3516.5	3522.5	3528.5	3534.5	3540.5	3546.5	3552.5	3558.5	3564.5	3570.5	3576.5	3582.5	3588.5	3594.5	3600.5	3606.5	3612.5	3618.5	3624.5	3630.5	3636.5	3642.5	3648.5	3654.5	3660.5	3666.5	3672.5	3678.5	3684.5	3690.5	3696.5	3702.5	3708.5	3714.5	3720.5	3726.5	3732.5	3738.5	3744.5	3750.5	3756.5	3762.5	3768.5	3774.5	3780.5	3786.5	3792.5	3798.5	3804.5	3810.5	3816.5	3822.5	3828.5	3834.5	3840.5	3846.5	3852.5	3858.5	3864.5	3870.5	3876.5	3882.5	3888.5	3894.5	3900.5	3906.5	3912.5	3918.5	3924.5	3930.5	3936.5	3942.5	3948.5	3954.5	3960.5	3966.5	3972.5	3978.5	3984.5	3990.5	3996.5	4002.5	4008.5	4014.5	4020.5	4026.5	4032.5	4038.5	4044.5	4050.5	4056.5	4062.5	4068.5	4074.5	4080.5	4086.5	4092.5	4098.5	4104.5	4110.5	4116.5	4122.5	4128.5	4134.5	4140.5	4146.5	4152.5	4158.5	4164.5	4170.5	4176.5	4182.5	4188.5	4194.5	4200.5	4206.5	4212.5	4218.5	4224.5	4230.5	4236.5	4242.5	4248.5	4254.5	4260.5	4266.5	4272.5	4278.5	4284.5	4290.5	4296.5	4302.5	4308.5	4314.5	4320.5	4326.5	4332.5	4338.5	4344.5	4350.5	4356.5	4362.5	4368.5	4374.5	4380.5	4386.5	4392.5	4398.5	4404.5	4410.5	4416.5	4422.5	4428.5	4434.5	4440.5	4446.5	4452.5	4458.5	4464.5	4470.5	4476.5	4482.5	4488.5	4494.5	4500.5	4506.5	4512.5	4518.5	4524.5	4530.5	4536.5	4542.5	4548.5	4554.5	4560.5	4566.5	4572.5	4578.5	4584.5	4590.5	4596.5	4602.5	4608.5	4614.5	4620.5	4626.5	4632.5	4638.5	4644.5	4650.5	4656.5	4662.5	4668.5	4674.5	4680.5	4686.5	4692.5	4698.5	4704.5	4710.5	4716.5	4722.5	4728.5	4734.5	4740.5	4746.5	4752.5	4758.5	4764.5	4770.5	4776.5	4782.5	4788.5	4794.5	4800.5	4806.5	4812.5	4818.5	4824.5	4830.5	4836.5	4842.5	4848.5	4854.5	4860.5	4866.5	4872.5	4878.5	4884.5	4890.5	4896.5	4902.5	4908.5	4914.5	4920.5	4926.5	4932.5	4938.5	4944.5	4950.5	4956.5	4962.5	4968.5	4974.5	4980.5	4986.5	4992.5	4998.5	5004.5	5010.5	5016.5	5022.5	5028.5	5034.5	5040.5	5046.5	5052.5	5058.5	5064.5	5070.5	5076.5	5082.5	5088.5	5094.5	5100.5	5106.5	5112.5	5118.5	5124.5	5130.5	5136.5	5142.5	5148.5	5154.5	5160.5	5166.5	5172.5	5178.5	5184.5	5190.5	5196.5	5202.5	5208.5	5214.5	5220.5	5226.5	5232.5	5238.5	5244.5	5250.5	5256.5	5262.5	5268.5	5274.5	5280.5	5286.5	5292.5	5298.5	5304.5	5310.5	5316.5	5322.5	5328.5	5334.5	5340.5	5346.5	5352.5	5358.5	5364.5	5370.5	5376.5	5382.5	5388.5	5394.5	5400.5	5406.5	5412.5	5418.5	5424.5	5430.5	5436.5	5442.5	5448.5	5454.5	5460.5	5466.5	5472.5	5478.5	5484.5	5490.5	5496.5	5502.5	5508.5	5514.5	5520.5	5526.5	5532.5	5538.5	5544.5	5550.5	5556.5	5562.5	5568.5	5574.5	5580.5	5586.5	5592.5	5598.5	5604.5	5610.5	5616.5	5622.5	5628.5	5634.5	5640.5	5646.5	5652.5	5658.5	5664.5	5670.5	5676.5	5682.5	5688.5	5694.5	5700.5	5706.5	5712.5	5718.5	5724.5	5730.5	5736.5	5742.5	5748.5	5754.5	5760.5	5766.5	5772.5	5778.5	5784.5	5790.5	5796.5	5802.5	5808.5	5814.5	5820.5	5826.5	5832.5	5838.5	5844.5	5850.5	5856.5	5862.5	5868.5	5874.5	5880.5	5886.5	5892.5	5898.5	5904.5	5910.5	5916.5	5922.5	5928.5	5934.5	5940.5	5946.5	5952.5	5958.5	5964.5	5970.5	5976.5	5982.5	5988.5	5994.5	6000.5	6006.5	6012.5	6018.5	6024.5	6030.5	6036.5	6042.5	6048.5	6054.5	6060.5	6066.5	6072.5	6078.5	6084.5	6090.5	6096.5	6102.5	6108.5	6114.5	6120.5	6126.5	6132.5	6138.5	6144.5	6150.5	6156.5	6162.5	6168.5	6174.5	6180.5	6186.5	6192.5	6198.5	6204.5	6210.5	6216.5	6222.5	6228.5	6234.5	6240.5	6246.5	6252.5	6258.5	6264.5	6270.5	6276.5	6282.5	6288.5	6294.5	6300.5	6306.5	6312.5	6318.5	6324.5	6330.5	6336.5	6342.5	6348.5	6354.5	6360.5	6366.5	6372.5	6378.5	6384.5	6390.5	6396.5	6402.5	6408.5	6414.5	6420.5	6426.5	6432.5	6438.5	6444.5	6450.5	6456.5	6462.5	6468.5	6474.5	6480.5	6486.5	6492.5	6498.5	6504.5	6510.5	6516.5	6522.5	6528.5	6534.5	6540.5	6546.5	6552.5	6558.5	6564.5	6570.5	6576.5	6582.5	6588.5	6594.5	6600.5	6606.5	6612.5	6618.5	6624.5	6630.5	6636.5	6642.5	6648.5	6654.5	6660.5	6666.5	6672.5	6678.5	6684.5	6690.5	6696.5	6702.5	6708.5	6714.5	6720.5	6726.5	6732.5	6738.5	6744.5	6750.5	6756.5	6762.5	6768.5	6774.5	6780.5	6786.5	6792.5	6798.5	6804.5	6810.5	6816.5	6822.5	6828.5	6834.5	6840.5	6846.5	6852.5</
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C-0900	07	0.750E	07	0.590E	07	0.871E	07	0.265E	07	0.164E	00
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0.1003E 07 9.316E 06 -0.4811E 07 -0.6284E 07 -0.4587E 07 -0.2101E 07

-0.5210E 07 -0.9286E 07 -0.1526E 08 1592E 08 -0.1888E 08 -0.1777E 08 -0.1488E 08 -0.1031E 08 -0.4405E 07 -0.7284E 06 -0.1216E 06

0.512E 07 -0.6E26E 07 -0.9014E 07 -0.1544E 08 -0.2157E 08 -0.2642E 08
1790E 0E -0.2E0E 0E -0.2676E 0E -0.2147E 0E -0.1444E 0E -0.5052E 07

0.1206E 00 -0.2266E 00 -0.2652E 00 -0.3345E 00 -0.3705E 00
 0.771E 00 -0.5551E 00 -0.4107E 00 -0.2441E 00 -0.1014E 00 -0.4606E 00

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22981 28 -0.44026 28 -0.4116 28 -0.37531 28 -0.34241 28
22982 29 -0.44026 29 -0.4116 29 -0.37531 29 -0.34241 29

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2.4405E 08 1.4213E 08 -0.1077E 08 -0.2146E 07 -0.9152E 07

0.42536 OH 16911 CH -0.1104 CH -0.2254 CH -0.1228 CH -0.1997 CH

132766 OR
 1519 CC - C-1999 CC - 7.11.1 CC - C-2076 CC - 0.3618 CC[illegible][illegible]

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

[illegible]

0.505NE 07 0.6590E 07 6.8224E 07 0.8145E 07 0.7644E 07 6.4472E 07 0.5557E 07 0.1673E 07 0.4413E 06 -0.1104E 07 -0.1345E 07 -0.2415E 06

PERMITS EXPANSION OF THE STREAM FUNCTION COMPONENT NO. 42

	62.5	77.5	92.5	107.5	122.5	137.5	152.5	167.5	182.5	197.5	212.5	227.5	242.5	257.5	272.5	287.5	302.5	317.5	332.5	347.5	362.5	377.5	392.5	407.5	422.5	437.5	452.5	467.5	482.5	497.5	512.5	527.5	542.5	557.5	572.5	587.5	602.5	617.5	632.5	647.5	662.5	677.5	692.5	707.5	722.5	737.5	752.5	767.5	782.5	797.5	812.5	827.5	842.5	857.5	872.5	887.5	902.5	917.5	932.5	947.5	962.5	977.5	992.5	1007.5	1022.5	1037.5	1052.5	1067.5	1082.5	1097.5	1112.5	1127.5	1142.5	1157.5	1172.5	1187.5	1202.5	1217.5	1232.5	1247.5	1262.5	1277.5	1292.5	1307.5	1322.5	1337.5	1352.5	1367.5	1382.5	1397.5	1412.5	1427.5	1442.5	1457.5	1472.5	1487.5	1502.5	1517.5	1532.5	1547.5	1562.5	1577.5	1592.5	1607.5	1622.5	1637.5	1652.5	1667.5	1682.5	1697.5	1712.5	1727.5	1742.5	1757.5	1772.5	1787.5	1802.5	1817.5	1832.5	1847.5	1862.5	1877.5	1892.5	1907.5	1922.5	1937.5	1952.5	1967.5	1982.5	1997.5	2012.5	2027.5	2042.5	2057.5	2072.5	2087.5	2102.5	2117.5	2132.5	2147.5	2162.5	2177.5	2192.5	2207.5	2222.5	2237.5	2252.5	2267.5	2282.5	2297.5	2312.5	2327.5	2342.5	2357.5	2372.5	2387.5	2402.5	2417.5	2432.5	2447.5	2462.5	2477.5	2492.5	2507.5	2522.5	2537.5	2552.5	2567.5	2582.5	2597.5	2612.5	2627.5	2642.5	2657.5	2672.5	2687.5	2702.5	2717.5	2732.5	2747.5	2762.5	2777.5	2792.5	2807.5	2822.5	2837.5	2852.5	2867.5	2882.5	2897.5	2912.5	2927.5	2942.5	2957.5	2972.5	2987.5	3002.5	3017.5	3032.5	3047.5	3062.5	3077.5	3092.5	3107.5	3122.5	3137.5	3152.5	3167.5	3182.5	3197.5	3212.5	3227.5	3242.5	3257.5	3272.5	3287.5	3302.5	3317.5	3332.5	3347.5	3362.5	3377.5	3392.5	3407.5	3422.5	3437.5	3452.5	3467.5	3482.5	3497.5	3512.5	3527.5	3542.5	3557.5	3572.5	3587.5	3602.5	3617.5	3632.5	3647.5	3662.5	3677.5	3692.5	3707.5	3722.5	3737.5	3752.5	3767.5	3782.5	3797.5	3812.5	3827.5	3842.5	3857.5	3872.5	3887.5	3902.5	3917.5	3932.5	3947.5	3962.5	3977.5	3992.5	4007.5	4022.5	4037.5	4052.5	4067.5	4082.5	4097.5	4112.5	4127.5	4142.5	4157.5	4172.5	4187.5	4202.5	4217.5	4232.5	4247.5	4262.5	4277.5	4292.5	4307.5	4322.5	4337.5	4352.5	4367.5	4382.5	4397.5	4412.5	4427.5	4442.5	4457.5	4472.5	4487.5	4502.5	4517.5	4532.5	4547.5	4562.5	4577.5	4592.5	4607.5	4622.5	4637.5	4652.5	4667.5	4682.5	4697.5	4712.5	4727.5	4742.5	4757.5	4772.5	4787.5	4802.5	4817.5	4832.5	4847.5	4862.5	4877.5	4892.5	4907.5	4922.5	4937.5	4952.5	4967.5	4982.5	4997.5	5012.5	5027.5	5042.5	5057.5	5072.5	5087.5	5102.5	5117.5	5132.5	5147.5	5162.5	5177.5	5192.5	5207.5	5222.5	5237.5	5252.5	5267.5	5282.5	5297.5	5312.5	5327.5	5342.5	5357.5	5372.5	5387.5	5402.5	5417.5	5432.5	5447.5	5462.5	5477.5	5492.5	5507.5	5522.5	5537.5	5552.5	5567.5	5582.5	5597.5	5612.5	5627.5	5642.5	5657.5	5672.5	5687.5	5702.5	5717.5	5732.5	5747.5	5762.5	5777.5	5792.5	5807.5	5822.5	5837.5	5852.5	5867.5	5882.5	5897.5	5912.5	5927.5	5942.5	5957.5	5972.5	5987.5	6002.5	6017.5	6032.5	6047.5	6062.5	6077.5	6092.5	6107.5	6122.5	6137.5	6152.5	6167.5	6182.5	6197.5	6212.5	6227.5	6242.5	6257.5	6272.5	6287.5	6302.5	6317.5	6332.5	6347.5	6362.5	6377.5	6392.5	6407.5	6422.5	6437.5	6452.5	6467.5	6482.5	6497.5	6512.5	6527.5	6542.5	6557.5	6572.5	6587.5	6602.5	6617.5	6632.5	6647.5	6662.5	6677.5	6692.5	6707.5	6722.5	6737.5	6752.5	6767.5	6782.5	6797.5	6812.5	6827.5	6842.5	6857.5	6872.5	6887.5	6902.5	6917.5	6932.5	6947.5	6962.5	6977.5	6992.5	7007.5	7022.5	7037.5	7052.5	7067.5	7082.5	7097.5	7112.5	7127.5	7142.5	7157.5	7172.5	7187.5	7202.5	7217.5	7232.5	7247.5	7262.5	7277.5	7292.5	7307.5	7322.5	7337.5	7352.5	7367.5	7382.5	7397.5	7412.5	7427.5	7442.5	7457.5	7472.5	7487.5	7502.5	7517.5	7532.5	7547.5	7562.5	7577.5	7592.5	7607.5	7622.5	7637.5	7652.5	7667.5	7682.5	7697.5	7712.5	7727.5	7742.5	7757.5	7772.5	7787.5	7802.5	7817.5	7832.5	7847.5	7862.5	7877.5	7892.5	7907.5	7922.5	7937.5	7952.5	7967.5	7982.5	7997.5	8012.5	8027.5	8042.5	8057.5	8072.5	8087.5	8102.5	8117.5	8132.5	8147.5	8162.5	8177.5	8192.5	8207.5	8222.5	8237.5	8252.5	8267.5	8282.5	8297.5	8312.5	8327.5	8342.5	8357.5	8372.5	8387.5	8402.5	8417.5	8432.5	8447.5	8462.5	8477.5	8492.5	8507.5	8522.5	8537.5	8552.5	8567.5	8582.5	8597.5	8612.5	8627.5	8642.5	8657.5	8672.5	8687.5	8702.5	8717.5	8732.5	8747.5	8762.5	8777.5	8792.5	8807.5	8822.5	8837.5	8852.5	8867.5	8882.5	8897.5	8912.5	8927.5	8942.5	8957.5	8972.5	8987.5	9002.5	9017.5	9032.5	9047.5	9062.5	9077.5	9092.5	9107.5	9122.5	9137.5	9152.5	9167.5	9182.5	9197.5	9212.5	9227.5	9242.5	9257.5	9272.5	9287.5	9302.5	9317.5	9332.5	9347.5	9362.5	9377.5	9392.5	9407.5	9422.5	9437.5	9452.5	9467.5	9482.5	9497.5	9512.5	9527.5	9542.5	9557.5	9572.5	9587.5	9602.5	9617.5	9632.5	9647.5	9662.5	9677.5	9692.5	9707.5	9722.5	9737.5	9752.5	9767.5	9782.5	9797.5	9812.5	9827.5	9842.5	9857.5	9872.5	9887.5	9902.5	9917.5	9932.5	9947.5	9962.5	9977.5	9992.5	10007.5	10022.5	10037.5	10052.5	10067.5	10082.5	10097.5	10112.5	10127.5	10142.5	10157.5	10172.5	10187.5	10202.5	10217.5	10232.5	10247.5	10262.5	10277.5	10292.5	10307.5	10322.5	10337.5	10352.5	10367.5	10382.5	10397.5	10412.5	10427.5	10442.5	10457.5	10472.5	10487.5	10502.5	10517.5	10532.5	10547.5	10562.5	10577.5	10592.5	10607.5	10622.5	10637.5	10652.5	10667.5	10682.5	10697.5	10712.5	10727.5	10742.5	10757.5	10772.5	10787.5	10802.5	10817.5	10832.5	10847.5	10862.5	10877.5	10892.5	10907.5	10922.5	10937.5	10952.5	10967.5	10982.5	10997.5	11012.5	11027.5	11042.5	11057.5	11072.5	11087.5	11102.5	11117.5	11132.5	11147.5	11162.5	11177.5	11192.5	11207.5	11222.5	11237.5	11252.5	11267.5	11282.5	11297.5	11312.5	11327.5	11342.5	11357.5	11372.5	11387.5	11402.5	11417.5	11432.5	11447.5	11462.5	11477.5	11492.5	11507.5	11522.5	11537.5	11552.5	11567.5	11582.5	11597.5	11612.5	11627.5	11642.5	11657.5	11672.5	11687.5	11702.5	11717.5	11732.5	11747.5	11762.5	11777.5	11792.5	11807.5	11822.5	11837.5	11852.5	11867.5	11882.5	11897.5	11912.5	11927.5	11942.5	11957.5	11972.5	11987.5	12002.5	12017.5	12032.5	12047.5	12062.5	12077.5	12092.5	12107.5	12122.5	12137.5	12152.5	12167.5	12182.5	12197.5	12212.5	12227.5	12242.5	12257.5	12272.5	12287.5	12302.5	12317.5	12332.5	12347.5	12362.5	12377.5	12392.5	12407.5	12422.5	12437.5	12452.5	12467.5	12482.5	12497.5	12512.5	12527.5	12542.5	12557.5	12572.5	12587.5	12602.5	12617.5	12632.5	12647.5	12662.5	12677.5	12692.5	12707.5	12722.5	12737.5	12752.5	12767.5	12782.5	12797.5	12812.5	12827.5	12842.5	12857.5	12872.5	12887.5	12902.5	12917.5	12932.5	12947.5	12962.5	12977.5	12992.5	13007.5	13022.5	13037.5	13052.5	13067.5	13082.5	13097.5	13112.5	13127.5	13142.5	13157.5	13172.5	13187.5	13202.5	13217.5	13232.5	13247.5	13262.5	13277.5	13292.5	13307.5	13322.5	13337.5	13352.5	13367.5	13382.5	13397.5	13412.5	13427.5	13442.5	13457.5	13472.5	13487.5	13502.5	13517.5	13532.5	13547.5	13562.5	13577.5	13592.5	13607.5	13622.5	13637.5	13652.5	13667.5	13682.5	13697.5	13712.5	13727.5	13742.5	13757.5	13772.5	13787.5	13802.5	13817.5	13832.5	13847.5	13862.5	13877.5	13892.5	13907.5	13922.5	13937.5	13952.5	13967.5	13982.5	13997.5	14012.5	14027.5	14042.5	14057.5	14072.5	14087.5	14102.5	14117.5	14132.5	14147.5	14162.5	14177.5	14192.5	14207.5	14222.5	14237.5	14252.5	14267.5	14282.5	14297.5	14312.5	14327.5	14342.5	14357.5	14372.5	14387.5	14402.5	14417.5	14432.5	14447.5	14462.5	14477.5	14492.5	14507.5	14522.5	14537.5	14552.5	14567.5	14582.5	14597.5	14612.5	14627.5	14642.5	14657.5	14672.5	14687.5	14702.5	14717.5	14732.5	14747.5	14762.5	14777.5	14792.5	14807.5	14822.5	14837.5	14852.5	14867.5	14882.5	14897.5	14912.5	14927.5	14942.5	14957.5	14972.5	14987.5	15002.5	15017.5	15032.5	15047.5	15062.5	15077.5	15092.5	15107.5	15122.5	15137.5	15152.5	15167.5	15182.5	15197.5	15212.5	15227.5	15242.5	15257.5	15272.5	15287.5	15302.5	15317.5	15332.5	15347.5	15362.5	15377.5	15392.5	15407.5	15422.5	15437.5	15452.5	15467.5	15482.5	15497.5	15512.5	15527.5	15542.5	15557.5	15572.5	15587.5	15602.5	15617.5	15632.5	15647.5	15662.5	15677.5	15692.5	15707.5	15722.5	15737.5	15752.5	15767.5	15782.5	15797.5	15812.5	15827.5	15842.5	15857.5	15872.5	15887.5	15902.5	15917.5	15932.5	15947.5	15962.5	15977.5	15992.5	16007.5	16022.5	16037.5	16052.5	16067.5	16082.5	16097.5	16112.5	16127.5	16142.5	16157.5	16172.5	16187.5	16202.5	16217.5	16232.5	16247.5	16262.5	16277.5	16292.5	16307.5	16322.5
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FOURIER EXPANSION OF THE STRAIN FUNCTION. COMPONENT NO. 40

[illegible]

Year	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

0.603E 00 -0.7622E 26 -0.4445E 37 -0.5815E 37 -0.5410E 37 -0.4627E 37 -0.1411E 07

-0.9680 Df -0.7405 Df -0.1073 Df -0.2394 Df -0.2318 Df -0.2244 Df -0.1460 Df -0.1246 Df -0.9680 Df

$$-0.1654E\text{ CF } -0.5185E\text{ DT } -0.1622L\text{ DT } -0.1222L\text{ DT } -0.0717A\text{E DT } -0.0119M\text{ DT}$$
[illegible][illegible][illegible]

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G.055041 DT -2.1827E DE -0.1836E DE -0.2265E DE -0.2786E DE -0.1255E DE -0.3515E DE -0.3815E DE -0.2006E DE -0.2240E DE -0.1154E DE -0.0222E DT 0.2375E DT

```

0.04132 CF -0.00100 CF -0.55056 CF -0.44676 CF -0.12096 CF -0.14796 CF -0.21076 CF -0.21076 CF -0.15046 CF -0.10000 CF -0.04132 CF -0.04132 CF

-0.4499E 07 -0.4530E 07 -0.4400E 07 0.5194E 06 0.5766E 27 0.7544E 27 0.7611E 07 0.7501E 07 0.5755E 07 0.6044E 06

0.4839E 07 0.7215E 07 0.4810E 07 0.6994E 07 0.6047E 07 0.4571E 07 0.1516E 07 0.4815E 06 -0.4651E 06 -0.1194E 07 -0.2222E

PERCENT EXPANSION OF THE STRAIN FUNCTION-COMPLEMENT NO. 51

06.5N	07.5	08.5	09.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.5	60.5	61.5	62.5	63.5	64.5	65.5	66.5	67.5	68.5	69.5	70.5	71.5	72.5	73.5	74.5	75.5	76.5	77.5	78.5	79.5	80.5	81.5	82.5	83.5	84.5	85.5	86.5	87.5	88.5	89.5	90.5	91.5	92.5	93.5	94.5	95.5	96.5	97.5	98.5	99.5	100.5	101.5	102.5	103.5	104.5	105.5	106.5	107.5	108.5	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5	126.5	127.5	128.5	129.5	130.5	131.5	132.5	133.5	134.5	135.5	136.5	137.5	138.5	139.5	140.5	141.5	142.5	143.5	144.5	145.5	146.5	147.5	148.5	149.5	150.5	151.5	152.5	153.5	154.5	155.5	156.5	157.5	158.5	159.5	160.5	161.5	162.5	163.5	164.5	165.5	166.5	167.5	168.5	169.5	170.5	171.5	172.5	173.5	174.5	175.5	176.5	177.5	178.5	179.5	180.5	181.5	182.5	183.5	184.5	185.5	186.5	187.5	188.5	189.5	190.5	191.5	192.5	193.5	194.5	195.5	196.5	197.5	198.5	199.5	200.5	201.5	202.5	203.5	204.5	205.5	206.5	207.5	208.5	209.5	210.5	211.5	212.5	213.5	214.5	215.5	216.5	217.5	218.5	219.5	220.5	221.5	222.5	223.5	224.5	225.5	226.5	227.5	228.5	229.5	230.5	231.5	232.5	233.5	234.5	235.5	236.5	237.5	238.5	239.5	240.5	241.5	242.5	243.5	244.5	245.5	246.5	247.5	248.5	249.5	250.5	251.5	252.5	253.5	254.5	255.5	256.5	257.5	258.5	259.5	260.5	261.5	262.5	263.5	264.5	265.5	266.5	267.5	268.5	269.5	270.5	271.5	272.5	273.5	274.5	275.5	276.5	277.5	278.5	279.5	280.5	281.5	282.5	283.5	284.5	285.5	286.5	287.5	288.5	289.5	290.5	291.5	292.5	293.5	294.5	295.5	296.5	297.5	298.5	299.5	300.5	301.5	302.5	303.5	304.5	305.5	306.5	307.5	308.5	309.5	310.5	311.5	312.5	313.5	314.5	315.5	316.5	317.5	318.5	319.5	320.5	321.5	322.5	323.5	324.5	325.5	326.5	327.5	328.5	329.5	330.5	331.5	332.5	333.5	334.5	335.5	336.5	337.5	338.5	339.5	340.5	341.5	342.5	343.5	344.5	345.5	346.5	347.5	348.5	349.5	350.5	351.5	352.5	353.5	354.5	355.5	356.5	357.5	358.5	359.5	360.5	361.5	362.5	363.5	364.5	365.5	366.5	367.5	368.5	369.5	370.5	371.5	372.5	373.5	374.5	375.5	376.5	377.5	378.5	379.5	380.5	381.5	382.5	383.5	384.5	385.5	386.5	387.5	388.5	389.5	390.5	391.5	392.5	393.5	394.5	395.5	396.5	397.5	398.5	399.5	400.5	401.5	402.5	403.5	404.5	405.5	406.5	407.5	408.5	409.5	410.5	411.5	412.5	413.5	414.5	415.5	416.5	417.5	418.5	419.5	420.5	421.5	422.5	423.5	424.5	425.5	426.5	427.5	428.5	429.5	430.5	431.5	432.5	433.5	434.5	435.5	436.5	437.5	438.5	439.5	440.5	441.5	442.5	443.5	444.5	445.5	446.5	447.5	448.5	449.5	450.5	451.5	452.5	453.5	454.5	455.5	456.5	457.5	458.5	459.5	460.5	461.5	462.5	463.5	464.5	465.5	466.5	467.5	468.5	469.5	470.5	471.5	472.5	473.5	474.5	475.5	476.5	477.5	478.5	479.5	480.5	481.5	482.5	483.5	484.5	485.5	486.5	487.5	488.5	489.5	490.5	491.5	492.5	493.5	494.5	495.5	496.5	497.5	498.5	499.5	500.5	501.5	502.5	503.5	504.5	505.5	506.5	507.5	508.5	509.5	510.5	511.5	512.5	513.5	514.5	515.5	516.5	517.5	518.5	519.5	520.5	521.5	522.5	523.5	524.5	525.5	526.5	527.5	528.5	529.5	530.5	531.5	532.5	533.5	534.5	535.5	536.5	537.5	538.5	539.5	540.5	541.5	542.5	543.5	544.5	545.5	546.5	547.5	548.5	549.5	550.5	551.5	552.5	553.5	554.5	555.5	556.5	557.5	558.5	559.5	560.5	561.5	562.5	563.5	564.5	565.5	566.5	567.5	568.5	569.5	570.5	571.5	572.5	573.5	574.5	575.5	576.5	577.5	578.5	579.5	580.5	581.5	582.5	583.5	584.5	585.5	586.5	587.5	588.5	589.5	590.5	591.5	592.5	593.5	594.5	595.5	596.5	597.5	598.5	599.5	600.5	601.5	602.5	603.5	604.5	605.5	606.5	607.5	608.5	609.5	610.5	611.5	612.5	613.5	614.5	615.5	616.5	617.5	618.5	619.5	620.5	621.5	622.5	623.5	624.5	625.5	626.5	627.5	628.5	629.5	630.5	631.5	632.5	633.5	634.5	635.5	636.5	637.5	638.5	639.5	640.5	641.5	642.5	643.5	644.5	645.5	646.5	647.5	648.5	649.5	650.5	651.5	652.5	653.5	654.5	655.5	656.5	657.5	658.5	659.5	660.5	661.5	662.5	663.5	664.5	665.5	666.5	667.5	668.5	669.5	670.5	671.5	672.5	673.5	674.5	675.5	676.5	677.5	678.5	679.5	680.5	681.5	682.5	683.5	684.5	685.5	686.5	687.5	688.5	689.5	690.5	691.5	692.5	693.5	694.5	695.5	696.5	697.5	698.5	699.5	700.5	701.5	702.5	703.5	704.5	705.5	706.5	707.5	708.5	709.5	710.5	711.5	712.5	713.5	714.5	715.5	716.5	717.5	718.5	719.5	720.5	721.5	722.5	723.5	724.5	725.5	726.5	727.5	728.5	729.5	730.5	731.5	732.5	733.5	734.5	735.5	736.5	737.5	738.5	739.5	740.5	741.5	742.5	743.5	744.5	745.5	746.5	747.5	748.5	749.5	750.5	751.5	752.5	753.5	754.5	755.5	756.5	757.5	758.5	759.5	760.5	761.5	762.5	763.5	764.5	765.5	766.5	767.5	768.5	769.5	770.5	771.5	772.5	773.5	774.5	775.5	776.5	777.5	778.5	779.5	780.5	781.5	782.5	783.5	784.5	785.5	786.5	787.5	788.5	789.5	790.5	791.5	792.5	793.5	794.5	795.5	796.5	797.5	798.5	799.5	800.5	801.5	802.5	803.5	804.5	805.5	806.5	807.5	808.5	809.5	810.5	811.5	812.5	813.5	814.5	815.5	816.5	817.5	818.5	819.5	820.5	821.5	822.5	823.5	824.5	825.5	826.5	827.5	828.5	829.5	830.5	831.5	832.5	833.5	834.5	835.5	836.5	837.5	838.5	839.5	840.5	841.5	842.5	843.5	844.5	845.5	846.5	847.5	848.5	849.5	850.5	851.5	852.5	853.5	854.5	855.5	856.5	857.5	858.5	859.5	860.5	861.5	862.5	863.5	864.5	865.5	866.5	867.5	868.5	869.5	870.5	871.5	872.5	873.5	874.5	875.5	876.5	877.5	878.5	879.5	880.5	881.5	882.5	883.5	884.5	885.5	886.5	887.5	888.5	889.5	890.5	891.5	892.5	893.5	894.5	895.5	896.5	897.5	898.5	899.5	900.5	901.5	902.5	903.5	904.5	905.5	906.5	907.5	908.5	909.5	910.5	911.5	912.5	913.5	914.5	915.5	916.5	917.5	918.5	919.5	920.5	921.5	922.5	923.5	924.5	925.5	926.5	927.5	928.5	929.5	930.5	931.5	932.5	933.5	934.5	935.5	936.5	937.5	938.5	939.5	940.5	941.5	942.5	943.5	944.5	945.5	946.5	947.5	948.5	949.5	950.5	951.5	952.5	953.5	954.5	955.5	956.5	957.5	958.5	959.5	960.5	961.5	962.5	963.5	964.5	965.5	966.5	967.5	968.5	969.5	970.5	971.5	972.5	973.5	974.5	975.5	976.5	977.5	978.5	979.5	980.5	981.5	982.5	983.5	984.5	985.5	986.5	987.5	988.5	989.5	990.5	991.5	992.5	993.5	994.5	995.5	996.5	997.5	998.5	999.5	1000.5
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	07.5 _{SE}	02.5 _{SE}	07.5 _{SE}	02.5 _{SE}
82.5 _{SE}	27.5	22.5	16.4	12.4
77.5	51.5	46.5	41.5	36.5
72.5	61.5	56.5	51.5	46.5
67.5	62.5	57.5	52.5	47.5
62.5	63.5	58.5	53.5	48.5
57.5	64.5	59.5	54.5	49.5
52.5	65.5	60.5	55.5	50.5
47.5	66.5	61.5	56.5	51.5
42.5	67.5	62.5	57.5	52.5
37.5	68.5	63.5	58.5	53.5
32.5	69.5	64.5	59.5	54.5
27.5	70.5	65.5	60.5	55.5
22.5	71.5	66.5	61.5	56.5
17.5	72.5	67.5	62.5	57.5
12.5	73.5	68.5	63.5	58.5
7.5	74.5	69.5	64.5	59.5
2.5	75.5	70.5	65.5	60.5
0	76.5	71.5	66.5	61.5

51.5h	0.326NE CT -0.5177E CT C.2495E CT 0.3255E CT C.1948E CT 0.2495E CT
52.5h	0.5178E DE -C.7656E DE -C.2955E CT -0.5143E CT -C.5155E CT -C.3657E CT -0.1641E CT
53.5h	-0.3774E CT -0.5882E CT -0.1402E DE -0.1222E DE -C.1565E DE -0.1317E DE -C.1155E DE -C.0447E CT -0.4176E CT -0.6125E DE -0.1717E DE
54.5h	-C.1462E CT -0.4744E CT -0.0071E CT -0.1124E DE -0.1635E DE -0.1496E DE -0.2151E DE -C.2103E DE -0.2112E DE -C.1767E DE -C.1164E DE -C.6472E CT
55.5h	-C.6074E CT -C.1276E DE -C.1551E DE -0.1477E DE -0.2514E DE -0.2624E DE -C.2752E DE -C.2807E DE -C.2447E DE -C.3441E DE -0.1241E DE -C.4565E CT
56.5h	-0.3677E CT -C.1782E DE -C.2411E DE -C.2837E DE -C.1156E DE -0.3574E DE -C.3462E DE -0.3490E DE -0.5731E CT -C.2162E DE -C.2607E DE -C.1450E DE -C.1216E DE -0.3474E CT
57.5h	-0.6216E CT -C.1776E DE -C.3055E DE -0.3494E DE -0.3752E DE -0.3807E DE -0.3675E DE -0.5747E DE -0.4464E DE -C.1155E DE -C.2547E DE -C.1744E DE -C.6774E CT -C.1612E CT
58.5h	-0.4441E CT -0.1724E DE -C.2259E DE -C.2627E DE -0.5174E DE -0.3674E DE -0.3804E DE -0.3723E DE -0.5395E DE -0.3574E DE -C.6955E DE -C.1475E DE -C.1150E DE -0.2750E CT
59.5h	-C.7475E CT -C.1284E DE -C.2623E DE -C.2555E DE -0.4020E DE -0.3104E DE -0.3116E DE -0.2681E DE -C.2142E DE -C.1744E DE -0.1127E DE -C.4455E CT C.1946E CT
60.5h	-C.2597E CT -C.5444E CT -C.4444E CT -C.7628E CT -0.1194E DE -0.1832E DE -0.2051E DE -0.2016E DE -0.1505E DE -0.4926E CT -C.4354E CT -0.4346E DE C.2281E CT 0.4108E CT
61.5h	-0.4577E CT -0.6034E CT -0.4442E CT 0.4977E DE 0.3655E CT 0.6651E CT 0.6955E CT 0.6955E CT 0.6955E CT 0.6955E CT 0.6955E CT 0.6955E CT 0.6955E CT 0.6955E CT
62.5h	0.4244E CT 0.4244E CT 0.6621E CT C.6747E CT C.6747E CT 0.6625E CT C.5446E CT C.2746E CT 0.4197E CT 0.3466E DE -0.1107E CT -0.2109E CT

67.5t

0.212 2 0.454 3 0.444 1 0.324 1 0.164 2 0.264 0

0.4829E 06 -0.740E 06 -0.335E 07 -0.505E 07 -0.532E 07 -0.374E 07 -0.180E 07

-0.5624 07 -0.6658E 07 -0.4682E 07 -0.1183E 07 -0.1347E 07 -0.1145E 07 -0.6744E 07 -0.4492E 07 -0.0116E 07 -0.1742E 06

-0.45CE CF -0.45NOE OF -0.67N2E OF -0.19W2E OH -0.15W7E OB -0.19SOE OB -0.2CSE SE -0.21ZOE SE -0.20CE CE -0.17NE CE -0.11EE CE -0.47ME OF

C. FINE 17 -0.1226 Cd -0.1538 Cd -0.2755 Pb -0.2634 Pb -0.2722 Pb -0.2414 Cd -0.1416 Cd -0.1252 Cd -0.0516 Pb
 -0.1846 Pb -0.2134 Pb -0.2426 Cd -0.2755 Cd -0.2634 Pb -0.2722 Pb -0.2414 Cd -0.1416 Cd -0.1252 Cd -0.0516 Pb

$\beta_1 = 0.420$ $\beta_2 = 0.170$ $\beta_3 = 0.231$ $\beta_4 = 0.272$ $\beta_5 = 0.535$ $\beta_6 = 0.525$ $\beta_7 = 0.330$ $\beta_8 = 0.323$ $\beta_9 = 0.316$ $\beta_{10} = 0.253$ $\beta_{11} = 0.148$ $\beta_{12} = 0.112$ $\beta_{13} = 0.563$

7.5A
-C.7804E 01 =C.1040E C6 =C.2350E C6 =C.3357E D8 =C.5015E D8 =C.3755E D8 =C.3634E D8 =C.3700E D8 =C.1700E D8 =C.1624E C1 =C.1624E C7

2.54 -0.9054 CF -0.1654 CB -0.2193 CE -0.2743 CH -0.3242 CI -0.3545 CJ -0.3677 CK -0.4076 CL -0.4286 CM -0.4524 CN -0.4724 CO -0.4764 CP -0.4764 CQ -0.4764 CR -0.4764 CS -0.4764 CT -0.4764 CU -0.4764 CV -0.4764 CW -0.4764 CX -0.4764 CY -0.4764 CZ -0.4764

7.54 -0.1108 0 -0.1224 0 -0.1596 0 -0.1975 0 -0.2456 0 -0.2910 0 -0.3383 0 -0.3826 0 -0.4294 0 -0.4782 0 -0.5289 0 -0.5814 0 -0.6356 0 -0.6914 0 -0.7487 0 -0.8074 0 -0.8674 0 -0.9286 0 -0.9909 0 -1.0543 0 -1.1187 0 -1.1840 0 -1.2502 0 -1.3173 0 -1.3853 0 -1.4541 0 -1.5237 0 -1.5941 0 -1.6652 0 -1.7370 0 -1.8095 0 -1.8827 0 -1.9566 0 -2.0312 0 -2.1065 0 -2.1825 0 -2.2592 0 -2.3365 0 -2.4144 0 -2.4929 0 -2.5719 0 -2.6515 0 -2.7316 0 -2.8122 0 -2.8933 0 -2.9749 0 -3.0570 0 -3.1396 0 -3.2227 0 -3.3063 0 -3.3904 0 -3.4750 0 -3.5599 0 -3.6452 0 -3.7309 0 -3.8170 0 -3.9035 0 -3.9903 0 -4.0775 0 -4.1650 0 -4.2528 0 -4.3409 0 -4.4293 0 -4.5180 0 -4.6070 0 -4.6962 0 -4.7856 0 -4.8752 0 -4.9650 0 -5.0550 0 -5.1451 0 -5.2354 0 -5.3258 0 -5.4164 0 -5.5071 0 -5.5980 0 -5.6890 0 -5.7801 0 -5.8713 0 -5.9626 0 -6.0540 0 -6.1455 0 -6.2371 0 -6.3288 0 -6.4206 0 -6.5125 0 -6.6045 0 -6.6966 0 -6.7887 0 -6.8809 0 -6.9732 0 -7.0656 0 -7.1580 0 -7.2505 0 -7.3430 0 -7.4356 0 -7.5282 0 -7.6208 0 -7.7135 0 -7.8062 0 -7.8990 0 -7.9918 0 -8.0846 0 -8.1774 0 -8.2702 0 -8.3630 0 -8.4558 0 -8.5485 0 -8.6413 0 -8.7340 0 -8.8267 0 -8.9194 0 -9.0121 0 -9.1048 0 -9.1974 0 -9.2900 0 -9.3826 0 -9.4751 0 -9.5676 0 -9.6601 0 -9.7525 0 -9.8449 0 -9.9373 0 -10.0296 0 -10.1219 0 -10.2142 0 -10.3064 0 -10.3986 0 -10.4907 0 -10.5828 0 -10.6748 0 -10.7668 0 -10.8587 0 -10.9506 0 -11.0424 0 -11.1342 0 -11.2259 0 -11.3176 0 -11.4092 0 -11.5008 0 -11.5923 0 -11.6838 0 -11.7752 0 -11.8666 0 -11.9579 0 -12.0492 0 -12.1404 0 -12.2316 0 -12.3227 0 -12.4138 0 -12.5048 0 -12.5958 0 -12.6867 0 -12.7775 0 -12.8683 0 -12.9590 0 -13.0497 0 -13.1403 0 -13.2308 0 -13.3213 0 -13.4117 0 -13.5021 0 -13.5924 0 -13.6827 0 -13.7729 0 -13.8631 0 -13.9532 0 -14.0433 0 -14.1333 0 -14.2233 0 -14.3132 0 -14.4031 0 -14.4929 0 -14.5826 0 -14.6723 0 -14.7619 0 -14.8515 0 -14.9410 0 -15.0305 0 -15.1199 0 -15.2092 0 -15.2985 0 -15.3877 0 -15.4768 0 -15.5658 0 -15.6547 0 -15.7435 0 -15.8322 0 -15.9209 0 -16.0095 0 -16.0980 0 -16.1864 0 -16.2747 0 -16.3629 0 -16.4510 0 -16.5390 0 -16.6269 0 -16.7147 0 -16.8024 0 -16.8900 0 -16.9775 0 -17.0649 0 -17.1522 0 -17.2394 0 -17.3265 0 -17.4135 0 -17.5004 0 -17.5872 0 -17.6739 0 -17.7605 0 -17.8470 0 -17.9334 0 -18.0197 0 -18.1059 0 -18.1920 0 -18.2780 0 -18.3638 0 -18.4495 0 -18.5351 0 -18.6206 0 -18.7060 0 -18.7913 0 -18.8765 0 -18.9616 0 -19.0466 0 -19.1314 0 -19.2161 0 -19.3007 0 -19.3852 0 -19.4696 0 -19.5538 0 -19.6379 0 -19.7219 0 -19.8058 0 -19.8895 0 -19.9731 0 -20.0566 0 -20.1399 0 -20.2231 0 -20.3062 0 -20.3892 0 -20.4720 0 -20.5547 0 -20.6373 0 -20.7198 0 -20.8021 0 -20.8843 0 -20.9664 0 -21.0484 0 -21.1303 0 -21.2120 0 -21.2936 0 -21.3750 0 -21.4563 0 -21.5374 0 -21.6184 0 -21.6992 0 -21.7799 0 -21.8604 0 -21.9408 0 -22.0211 0 -22.1013 0 -22.1814 0 -22.2613 0 -22.3411 0 -22.4207 0 -22.5002 0 -22.5795 0 -22.6587 0 -22.7378 0 -22.8167 0 -22.8954 0 -22.9740 0 -23.0524 0 -23.1307 0 -23.2088 0 -23.2868 0 -23.3646 0 -23.4422 0 -23.5197 0 -23.5970 0 -23.6741 0 -23.7511 0 -23.8279 0 -23.9045 0 -23.9810 0 -24.0573 0 -24.1334 0 -24.2093 0 -24.2850 0 -24.3606 0 -24.4360 0 -24.5112 0 -24.5862 0 -24.6610 0 -24.7356 0 -24.8101 0 -24.8844 0 -24.9585 0 -25.0324 0 -25.1061 0 -25.1796 0 -25.2529 0 -25.3260 0 -25.3989 0 -25.4716 0 -25.5441 0 -25.6164 0 -25.6885 0 -25.7604 0 -25.8321 0 -25.9036 0 -25.9749 0 -26.0460 0 -26.1169 0 -26.1876 0 -26.2581 0 -26.3284 0 -26.3985 0 -26.4684 0 -26.5381 0 -26.6076 0 -26.6769 0 -26.7460 0 -26.8149 0 -26.8836 0 -26.9521 0 -27.0204 0 -27.0885 0 -27.1564 0 -27.2241 0 -27.2916 0 -27.3589 0 -27.4260 0 -27.4929 0 -27.5595 0 -27.6259 0 -27.6920 0 -27.7579 0 -27.8235 0 -27.8889 0 -27.9540 0 -28.0189 0 -28.0836 0 -28.1480 0 -28.2121 0 -28.2760 0 -28.3397 0 -28.4031 0 -28.4662 0 -28.5291 0 -28.5917 0 -28.6541 0 -28.7162 0 -28.7781 0 -28.8398 0 -28.9012 0 -28.9623 0 -29.0232 0 -29.0838 0 -29.1442 0 -29.2043 0 -29.2642 0 -29.3238 0 -29.3832 0 -29.4423 0 -29.5011 0 -29.5597 0 -29.6180 0 -29.6761 0 -29.7339 0 -29.7914 0 -29.8487 0 -29.9057 0 -29.9624 0 -30.0188 0 -30.0749 0 -30.1307 0 -30.1862 0 -30.2414 0 -30.2963 0 -30.3509 0 -30.4052 0 -30.4592 0 -30.5129 0 -30.5663 0 -30.6193 0 -30.6720 0 -30.7244 0 -30.7765 0 -30.8283 0 -30.8798 0 -30.9310 0 -30.9819 0 -31.0325 0 -31.0828 0 -31.1328 0 -31.1825 0 -31.2319 0 -31.2810 0 -31.3298 0 -31.3783 0 -31.4264 0 -31.4742 0 -31.5217 0 -31.5689 0 -31.6158 0 -31.6624 0 -31.7087 0 -31.7547 0 -31.8004 0 -31.8458 0 -31.8909 0 -31.9357 0 -31.9802 0 -32.0243 0 -32.0681 0 -32.1116 0 -32.1548 0 -32.1977 0 -32.2403 0 -32

2.5A
-C.3N16 07 -0.4721 C7 -0.4018 C7 -0.1146 O8 -0.1766 O8 -0.1986 O8 -0.1475 O8 -0.9424 C7 -0.4401 C7 -0.3916 C7

Parameter	Estimate	Standard Error	t-Statistic	p-Value	95% CI Lower	95% CI Upper
Intercept	-0.0023	0.0012	-0.0012	0.999	-0.0047	0.0001
Age	0.0001	0.0001	0.277	0.786	-0.0002	0.0004
Age ²	-0.0000	0.0000	-0.0000	0.999	-0.0000	0.0000
Age ³	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁴	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁵	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁶	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁷	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁸	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁰	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹¹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹²	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹³	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁴	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁵	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁶	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁷	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁸	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ¹⁹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁰	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²¹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²²	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²³	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁴	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁵	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁶	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁷	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁸	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ²⁹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁰	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³¹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³²	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³³	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁴	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁵	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁶	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁷	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁸	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ³⁹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁴⁰	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁴¹	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁴²	0.0000	0.0000	0.0000	0.999	0.0000	0.0000
Age ⁴³	0.0000	0.0000	0.0000	0.999	0.0000	

0.4058E 07 0.6133E 07 0.5905E 07 0.5764E 07 0.3785E 07 0.2654E 07 0.1372E 07 0.3401E 06 -0.8483E 06 -0.2053E 06

35.5E

0.2957e 07 0.4565e 07 0.4508e 07 0.2822e 07 0.1718E 07 0.2629E 06

0.219E 06 -0.714E 06 -0.261E 07 -0.4744E 07 -C.4773E 07 -C.355E 07 -0.1735E 07

0.356E 07 -0.618E 07 -0.9054E 07 -0.110E 08 -0.126E 09 -0.127E 0E -C.11C1E 0F -C.784E 0F -0.327E 07 -0.805E 06 -0.174E 06

$C_1C_2C_3C_4C_5C_6C_7C_8C_9C_{10}C_{11}C_{12}C_{13}C_{14}C_{15}C_{16}C_{17}C_{18}C_{19}C_{20}C_{21}C_{22}C_{23}C_{24}C_{25}C_{26}C_{27}C_{28}C_{29}C_{30}C_{31}C_{32}C_{33}C_{34}C_{35}C_{36}C_{37}C_{38}C_{39}C_{40}C_{41}C_{42}C_{43}C_{44}C_{45}C_{46}C_{47}C_{48}C_{49}C_{50}C_{51}C_{52}C_{53}C_{54}C_{55}C_{56}C_{57}C_{58}C_{59}C_{60}C_{61}C_{62}C_{63}C_{64}C_{65}C_{66}C_{67}C_{68}C_{69}C_{70}C_{71}C_{72}C_{73}C_{74}C_{75}C_{76}C_{77}C_{78}C_{79}C_{80}C_{81}C_{82}C_{83}C_{84}C_{85}C_{86}C_{87}C_{88}C_{89}C_{90}C_{91}C_{92}C_{93}C_{94}C_{95}C_{96}C_{97}C_{98}C_{99}C_{100}C_{101}C_{102}C_{103}C_{104}C_{105}C_{106}C_{107}C_{108}C_{109}C_{110}C_{111}C_{112}C_{113}C_{114}C_{115}C_{116}C_{117}C_{118}C_{119}C_{120}C_{121}C_{122}C_{123}C_{124}C_{125}C_{126}C_{127}C_{128}C_{129}C_{130}C_{131}C_{132}C_{133}C_{134}C_{135}C_{136}C_{137}C_{138}C_{139}C_{140}C_{141}C_{142}C_{143}C_{144}C_{145}C_{146}C_{147}C_{148}C_{149}C_{150}C_{151}C_{152}C_{153}C_{154}C_{155}C_{156}C_{157}C_{158}C_{159}C_{160}C_{161}C_{162}C_{163}C_{164}C_{165}C_{166}C_{167}C_{168}C_{169}C_{170}C_{171}C_{172}C_{173}C_{174}C_{175}C_{176}C_{177}C_{178}C_{179}C_{180}C_{181}C_{182}C_{183}C_{184}C_{185}C_{186}C_{187}C_{188}C_{189}C_{190}C_{191}C_{192}C_{193}C_{194}C_{195}C_{196}C_{197}C_{198}C_{199}C_{200}C_{201}C_{202}C_{203}C_{204}C_{205}C_{206}C_{207}C_{208}C_{209}C_{210}C_{211}C_{212}C_{213}C_{214}C_{215}C_{216}C_{217}C_{218}C_{219}C_{220}C_{221}C_{222}C_{223}C_{224}C_{225}C_{226}C_{227}C_{228}C_{229}C_{230}C_{231}C_{232}C_{233}C_{234}C_{235}C_{236}C_{237}C_{238}C_{239}C_{240}C_{241}C_{242}C_{243}C_{244}C_{245}C_{246}C_{247}C_{248}C_{249}C_{250}C_{251}C_{252}C_{253}C_{254}C_{255}C_{256}C_{257}C_{258}C_{259}C_{260}C_{261}C_{262}C_{263}C_{264}C_{265}C_{266}C_{267}C_{268}C_{269}C_{270}C_{271}C_{272}C_{273}C_{274}C_{275}C_{276}C_{277}C_{278}C_{279}C_{280}C_{281}C_{282}C_{283}C_{284}C_{285}C_{286}C_{287}C_{288}C_{289}C_{290}C_{291}C_{292}C_{293}C_{294}C_{295}C_{296}C_{297}C_{298}C_{299}C_{300}C_{301}C_{302}C_{303}C_{304}C_{305}C_{306}C_{307}C_{308}C_{309}C_{310}C_{311}C_{312}C_{313}C_{314}C_{315}C_{316}C_{317}C_{318}C_{319}C_{320}C_{321}C_{322}C_{323}C_{324}C_{325}C_{326}C_{327}C_{328}C_{329}C_{330}C_{331}C_{332}C_{333}C_{334}C_{335}C_{336}C_{337}C_{338}C_{339}C_{340}C_{341}C_{342}C_{343}C_{344}C_{345}C_{346}C_{347}C_{348}C_{349}C_{350}C_{351}C_{352}C_{353}C_{354}C_{355}C_{356}C_{357}C_{358}C_{359}C_{360}C_{361}C_{362}C_{363}C_{364}C_{365}C_{366}C_{367}C_{368}C_{369}C_{370}C_{371}C_{372}C_{373}C_{374}C_{375}C_{376}C_{377}C_{378}C_{379}C_{380}C_{381}C_{382}C_{383}C_{384}C_{385}C_{386}C_{387}C_{388}C_{389}C_{390}C_{391}C_{392}C_{393}C_{394}C_{395}C_{396}C_{397}C_{398}C_{399}C_{400}C_{401}C_{402}C_{403}C_{404}C_{405}C_{406}C_{407}C_{408}C_{409}C_{410}C_{411}C_{412}C_{413}C_{414}C_{415}C_{416}C_{417}C_{418}C_{419}C_{420}C_{421}C_{422}C_{423}C_{424}C_{425}C_{426}C_{427}C_{428}C_{429}C_{430}C_{431}C_{432}C_{433}C_{434}C_{435}C_{436}C_{437}C_{438}C_{439}C_{440}C_{441}C_{442}C_{443}C_{444}C_{445}C_{446}C_{447}C_{448}C_{449}C_{450}C_{451}C_{452}C_{453}C_{454}C_{455}C_{456}C_{457}C_{458}C_{459}C_{460}C_{461}C_{462}C_{463}C_{464}C_{465}C_{466}C_{467}C_{468}C_{469}C_{470}C_{471}C_{472}C_{473}C_{474}C_{475}C_{476}C_{477}C_{478}C_{479}C_{480}C_{481}C_{482}C_{483}C_{484}C_{485}C_{486}C_{487}C_{488}C_{489}C_{490}C_{491}C_{492}C_{493}C_{494}C_{495}C_{496}C_{497}C_{498}C_{499}C_{500}C_{501}C_{502}C_{503}C_{504}C_{505}C_{506}C_{507}C_{508}C_{509}C_{510}C_{511}C_{512}C_{513}C_{514}C_{515}C_{516}C_{517}C_{518}C_{519}C_{520}C_{521}C_{522}C_{523}C_{524}C_{525}C_{526}C_{527}C_{528}C_{529}C_{530}C_{531}C_{532}C_{533}C_{534}C_{535}C_{536}C_{537}C_{538}C_{539}C_{540}C_{541}C_{542}C_{543}C_{544}C_{545}C_{546}C_{547}C_{548}C_{549}C_{550}C_{551}C_{552}C_{553}C_{554}C_{555}C_{556}C_{557}C_{558}C_{559}C_{560}C_{561}C_{562}C_{563}C_{564}C_{565}C_{566}C_{567}C_{568}C_{569}C_{570}C_{571}C_{572}C_{573}C_{574}C_{575}C_{576}C_{577}C_{578}C_{579}C_{580}C_{581}C_{582}C_{583}C_{584}C_{585}C_{586}C_{587}C_{588}C_{589}C_{590}C_{591}C_{592}C_{593}C_{594}C_{595}C_{596}C_{597}C_{598}C_{599}C_{600}C_{601}C_{602}C_{603}C_{604}C_{605}C_{606}C_{607}C_{608}C_{609}C_{610}C_{611}C_{612}C_{613}C_{614}C_{615}C_{616}C_{617}C_{618}C_{619}C_{620}C_{621}C_{622}C_{623}C_{624}C_{625}C_{626}C_{627}C_{628}C_{629}C_{630}C_{631}C_{632}C_{633}C_{634}C_{635}C_{636}C_{637}C_{638}C_{639}C_{640}C_{641}C_{642}C_{643}C_{644}C_{645}C_{646}C_{647}C_{648}C_{649}C_{650}C_{651}C_{652}C_{653}C_{654}C_{655}C_{656}C_{657}C_{658}C_{659}C_{660}C_{661}C_{662}C_{663}C_{664}C_{665}C_{666}C_{667}C_{668}C_{669}C_{670}C_{671}C_{672}C_{673}C_{674}C_{675}C_{676}C_{677}C_{678}C_{679}C_{680}C_{681}C_{682}C_{683}C_{684}C_{685}C_{686}C_{687}C_{688}C_{689}C_{690}C_{691}C_{692}C_{693}C_{694}C_{695}C_{696}C_{697}C_{698}C_{699}C_{700}C_{701}C_{$

-C.TCME U) -0.1122E CB -0.1414E OB -0.1709E OB -0.2267E OB -0.2561E OB -0.2566E CB -0.2566E CB -0.2291E CB -C.1444E CB -C.1192E OB -0.4348E OB

C.2566 C7 -C.1566 C8 -C.2126 C9 -0.2516 OB -0.2015 OB -C.3018 OB -0.3132 OB -0.3094 OB -0.2651 OB -0.2404 C6 -C.1653 OB -C.1142 C8 -0.3775 OB

[illegible]

0.3450E 08 -0.3307E 08 -0.3103E 08 -0.2771E 08 -0.1841E 08 -0.1166E 08 -0.2815E 07

0.2d85z OB -0.284E OB -0.247E OB -0.199E OB -0.144E OB -0.101E CE -0.442E OI 0.151E OI

0.1862z 08 -0.1856E 08 -0.1414E 08 -0.9533E 07 -0.5544E 07 -0.1245E 07 -0.2592E 07 -0.1554E 07

-0.4130E 07	-0.5594E 07	-0.4351E 07	-0.44078E 06	0.2455E 07	0.5519E 07	0.5744E 07	0.3606E 07	0.5744E 06
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17.5k

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52.5A	0.2105E 07 -0.2277E 07 -0.2443E 07 -0.2607E 07 -0.2771E 07 -0.2935E 07 -0.3099E 07 -0.3263E 07 -0.3427E 07 -0.3591E 07 -0.3755E 07 -0.3919E 07 -0.4083E 07 -0.4247E 07 -0.4411E 07 -0.4575E 07 -0.4739E 07 -0.4903E 07 -0.5067E 07 -0.5231E 07 -0.5395E 07 -0.5559E 07 -0.5723E 07 -0.5887E 07 -0.6051E 07 -0.6215E 07 -0.6379E 07 -0.6543E 07 -0.6707E 07 -0.6871E 07 -0.7035E 07 -0.7199E 07 -0.7363E 07 -0.7527E 07 -0.7691E 07 -0.7855E 07 -0.8019E 07 -0.8183E 07 -0.8347E 07 -0.8511E 07 -0.8675E 07 -0.8839E 07 -0.9003E 07 -0.9167E 07 -0.9331E 07 -0.9495E 07 -0.9659E 07 -0.9823E 07 -0.9987E 07 -1.0151E 07 -1.0315E 07 -1.0479E 07 -1.0643E 07 -1.0807E 07 -1.0971E 07 -1.1135E 07 -1.1299E 07 -1.1463E 07 -1.1627E 07 -1.1791E 07 -1.1955E 07 -1.2119E 07 -1.2283E 07 -1.2447E 07 -1.2611E 07 -1.2775E 07 -1.2939E 07 -1.3103E 07 -1.3267E 07 -1.3431E 07 -1.3595E 07 -1.3759E 07 -1.3923E 07 -1.4087E 07 -1.4251E 07 -1.4415E 07 -1.4579E 07 -1.4743E 07 -1.4907E 07 -1.5071E 07 -1.5235E 07 -1.5399E 07 -1.5563E 07 -1.5727E 07 -1.5891E 07 -1.6055E 07 -1.6219E 07 -1.6383E 07 -1.6547E 07 -1.6711E 07 -1.6875E 07 -1.7039E 07 -1.7203E 07 -1.7367E 07 -1.7531E 07 -1.7695E 07 -1.7859E 07 -1.8023E 07 -1.8187E 07 -1.8351E 07 -1.8515E 07 -1.8679E 07 -1.8843E 07 -1.9007E 07 -1.9171E 07 -1.9335E 07 -1.9499E 07 -1.9663E 07 -1.9827E 07 -1.9991E 07 -2.0155E 07 -2.0319E 07 -2.0483E 07 -2.0647E 07 -2.0811E 07 -2.0975E 07 -2.1139E 07 -2.1303E 07 -2.1467E 07 -2.1631E 07 -2.1795E 07 -2.1959E 07 -2.2123E 07 -2.2287E 07 -2.2451E 07 -2.2615E 07 -2.2779E 07 -2.2943E 07 -2.3107E 07 -2.3271E 07 -2.3435E 07 -2.3599E 07 -2.3763E 07 -2.3927E 07 -2.4091E 07 -2.4255E 07 -2.4419E 07 -2.4583E 07 -2.4747E 07 -2.4911E 07 -2.5075E 07 -2.5239E 07 -2.5403E 07 -2.5567E 07 -2.5731E 07 -2.5895E 07 -2.6059E 07 -2.6223E 07 -2.6387E 07 -2.6551E 07 -2.6715E 07 -2.6879E 07 -2.7043E 07 -2.7207E 07 -2.7371E 07 -2.7535E 07 -2.7699E 07 -2.7863E 07 -2.8027E 07 -2.8191E 07 -2.8355E 07 -2.8519E 07 -2.8683E 07 -2.8847E 07 -2.9011E 07 -2.9175E 07 -2.9339E 07 -2.9503E 07 -2.9667E 07 -2.9831E 07 -3.0000E 07 -3.0164E 07 -3.0328E 07 -3.0492E 07 -3.0656E 07 -3.0820E 07 -3.0984E 07 -3.1148E 07 -3.1312E 07 -3.1476E 07 -3.1640E 07 -3.1804E 07 -3.1968E 07 -3.2132E 07 -3.2296E 07 -3.2460E 07 -3.2624E 07 -3.2788E 07 -3.2952E 07 -3.3116E 07 -3.3280E 07 -3.3444E 07 -3.3608E 07 -3.3772E 07 -3.3936E 07 -3.4100E 07 -3.4264E 07 -3.4428E 07 -3.4592E 07 -3.4756E 07 -3.4920E 07 -3.5084E 07 -3.5248E 07 -3.5412E 07 -3.5576E 07 -3.5740E 07 -3.5904E 07 -3.6068E 07 -3.6232E 07 -3.6396E 07 -3.6560E 07 -3.6724E 07 -3.6888E 07 -3.7052E 07 -3.7216E 07 -3.7380E 07 -3.7544E 07 -3.7708E 07 -3.7872E 07 -3.8036E 07 -3.8200E 07 -3.8364E 07 -3.8528E 07 -3.8692E 07 -3.8856E 07 -3.9020E 07 -3.9184E 07 -3.9348E 07 -3.9512E 07 -3.9676E 07 -3.9840E 07 -4.0000E 07 -4.0164E 07 -4.0328E 07 -4.0492E 07 -4.0656E 07 -4.0820E 07 -4.0984E 07 -4.1148E 07 -4.1312E 07 -4.1476E 07 -4.1640E 07 -4.1804E 07 -4.1968E 07 -4.2132E 07 -4.2296E 07 -4.2460E 07 -4.2624E 07 -4.2788E 07 -4.2952E 07 -4.3116E 07 -4.3280E 07 -4.3444E 07 -4.3608E 07 -4.3772E 07 -4.3936E 07 -4.4100E 07 -4.4264E 07 -4.4428E 07 -4.4592E 07 -4.4756E 07 -4.4920E 07 -4.5084E 07 -4.5248E 07 -4.5412E 07 -4.5576E 07 -4.5740E 07 -4.5904E 07 -4.6068E 07 -4.6232E 07 -4.6396E 07 -4.6560E 07 -4.6724E 07 -4.6888E 07 -4.7052E 07 -4.7216E 07 -4.7380E 07 -4.7544E 07 -4.7708E 07 -4.7872E 07 -4.8036E 07 -4.8200E 07 -4.8364E 07 -4.8528E 07 -4.8692E 07 -4.8856E 07 -4.9020E 07 -4.9184E 07 -4.9348E 07 -4.9512E 07 -4.9676E 07 -4.9840E 07 -5.0000E 07 -5.0164E 07 -5.0328E 07 -5.0492E 07 -5.0656E 07 -5.0820E 07 -5.0984E 07 -5.1148E 07 -5.1312E 07 -5.1476E 07 -5.1640E 07 -5.1804E 07 -5.1968E 07 -5.2132E 07 -5.2296E 07 -5.2460E 07 -5.2624E 07 -5.2788E 07 -5.2952E 07 -5.3116E 07 -5.3280E 07 -5.3444E 07 -5.3608E 07 -5.3772E 07 -5.3936E 07 -5.4100E 07 -5.4264E 07 -5.4428E 07 -5.4592E 07 -5.4756E 07 -5.4920E 07 -5.5084E 07 -5.5248E 07 -5.5412E 07 -5.5576E 07 -5.5740E 07 -5.5904E 07 -5.6068E 07 -5.6232E 07 -5.6396E 07 -5.6560E 07 -5.6724E 07 -5.6888E 07 -5.7052E 07 -5.7216E 07 -5.7380E 07 -5.7544E 07 -5.7708E 07 -5.7872E 07 -5.8036E 07 -5.8200E 07 -5.8364E 07 -5.8528E 07 -5.8692E 07 -5.8856E 07 -5.9020E 07 -5.9184E 07 -5.9348E 07 -5.9512E 07 -5.9676E 07 -5.9840E 07 -6.0000E 07 -6.0164E 07 -6.0328E 07 -6.0492E 07 -6.0656E 07 -6.0820E 07 -6.0984E 07 -6.1148E 07 -6.1312E 07 -6.1476E 07 -6.1640E 07 -6.1804E 07 -6.1968E 07 -6.2132E 07 -6.2296E 07 -6.2460E 07 -6.2624E 07 -6.278
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0.2298E 07	0.3579E 07	0.3467E 07	0.3556E 07	0.2388E 07	0.1765E 07	0.0419E 06	0.2425E 06	-0.3427E 06	-0.7189E 06	-0.1490E 06
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PERMITS CAPABILITY OF THE SINGULAR FUNCTION COMPONENT IN THE CO

57.5N	57.5E	57.5S	57.5W	57.5N	57.5E	57.5S	57.5W	57.5N	57.5E	57.5S	57.5W	57.5N	57.5E	57.5S	57.5W
57.5N	57.5E	57.5S	57.5W	57.5N	57.5E	57.5S	57.5W	57.5N	57.5E	57.5S	57.5W	57.5N	57.5E	57.5S	57.5W
52.5N	52.5E	52.5S	52.5W	52.5N	52.5E	52.5S	52.5W	52.5N	52.5E	52.5S	52.5W	52.5N	52.5E	52.5S	52.5W
47.5N	47.5E	47.5S	47.5W	47.5N	47.5E	47.5S	47.5W	47.5N	47.5E	47.5S	47.5W	47.5N	47.5E	47.5S	47.5W
42.5N	42.5E	42.5S	42.5W	42.5N	42.5E	42.5S	42.5W	42.5N	42.5E	42.5S	42.5W	42.5N	42.5E	42.5S	42.5W
37.5N	37.5E	37.5S	37.5W	37.5N	37.5E	37.5S	37.5W	37.5N	37.5E	37.5S	37.5W	37.5N	37.5E	37.5S	37.5W
32.5N	32.5E	32.5S	32.5W	32.5N	32.5E	32.5S	32.5W	32.5N	32.5E	32.5S	32.5W	32.5N	32.5E	32.5S	32.5W
27.5N	27.5E	27.5S	27.5W	27.5N	27.5E	27.5S	27.5W	27.5N	27.5E	27.5S	27.5W	27.5N	27.5E	27.5S	27.5W
22.5N	22.5E	22.5S	22.5W	22.5N	22.5E	22.5S	22.5W	22.5N	22.5E	22.5S	22.5W	22.5N	22.5E	22.5S	22.5W
17.5N	17.5E	17.5S	17.5W	17.5N	17.5E	17.5S	17.5W	17.5N	17.5E	17.5S	17.5W	17.5N	17.5E	17.5S	17.5W
12.5N	12.5E	12.5S	12.5W	12.5N	12.5E	12.5S	12.5W	12.5N	12.5E	12.5S	12.5W	12.5N	12.5E	12.5S	12.5W
7.5N	7.5E	7.5S	7.5W	7.5N	7.5E	7.5S	7.5W	7.5N	7.5E	7.5S	7.5W	7.5N	7.5E	7.5S	7.5W
2.5N	2.5E	2.5S	2.5W	2.5N	2.5E	2.5S	2.5W	2.5N	2.5E	2.5S	2.5W	2.5N	2.5E	2.5S	2.5W

07.5£

[illegible]

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07.5E

7.5h	0.172e CF 0.277e CF 0.2112e CF 0.172e CF 0.1557e D6	
7.5h	6138e D6 -0.2526e CF -0.1501e CF -0.2221e CF -0.2944e CF -0.1267e CF	0.2080e D6
7.5h	7340e CF -0.2665e CF -0.1655e CF -0.2764e CF -0.3595e CF -0.2802e CF -0.0809e D6 -0.1654e D6	-0.2618e CF -0.5925e CF -0.5879e CF
7.5h	1467e D6 -0.1544e D6 -0.1374e D6 -0.1151e D6 -0.1618e CF -0.5472e CF	-0.6102e CF -0.4903e CF -0.4903e CF -0.1175e D6
7.5h	1717e D6 -0.1661e D6 -0.1518e D6 -0.1172e D6 -0.6262e CF -0.3553e CF	-0.4662e CF -0.6625e CF -0.4541e D6 -0.1254e D6 -0.1462e D6 -0.1682e D6
7.5h	2261e D6 -0.1343e D6 -0.1611e D6 -0.1566e D6 -0.6065e CF -0.3554e CF	-0.474e CF -0.569e CF -0.1541e D6 -0.1760e D6 -0.1926e D6 -0.2037e D6 -0.2103e D6
7.5h	2185e CF -0.4773e CF -0.1871e D6 -0.1197e D6 -0.6623e CF -0.1646e CF	-0.3524e CF -0.671e CF -0.1621e D6 -0.1468e D6 -0.2110e D6 -0.2444e D6 -0.2286e D6
7.5h	1422e D6 -0.1711e D6 -0.1564e D6 -0.8825e CF -0.2765e CF	-0.4402e CF -0.4651e CF -0.1171e D6 -0.2076e D6 -0.2210e D6 -0.2241e D6 -0.2104e D6
7.5h	1428e D6 -0.1677e D6 -0.1593e CF -0.3542e CF 0.2555e D6	-0.5538e CF -0.6341e CF -0.8455e CF -0.1076e D6 -0.1704e D6 -0.1709e D6
7.5h	1457e CF -0.4618e CF -0.1674e CF 0.6716e CF 0.1941e CF	-0.1607e CF -0.176e CF -0.3754e CF -0.6544e CF -0.1219e D6 -0.1268e D6 -0.1021e D6
7.5h	4474e D6 0.2764e CF 0.1078e CF 0.1678e CF 0.1831e CF 0.9157e D6	-0.264e CF -0.3622e CF -0.5432e CF -0.1189e CF
7.5h	9561e CF 0.2554e CF 0.1046e CF 0.2155e CF 0.1895e D6 0.2651e D6 -0.4733e D6 -0.6351e D6 -0.1547e D6	0.1969e CF 0.3079e CF

WITH COMMENTS BY THE STATION FUNCTION, COMPONENT No. 10

[illegible]

36.15

12871

35.5E

[illegible]

27.5	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.5	60.5	61.5	62.5	63.5	64.5	65.5	66.5	67.5	68.5	69.5	70.5	71.5	72.5	73.5	74.5	75.5	76.5	77.5	78.5	79.5	80.5	81.5	82.5	83.5	84.5	85.5	86.5	87.5	88.5	89.5	90.5	91.5	92.5	93.5	94.5	95.5	96.5	97.5	98.5	99.5	100.5	101.5	102.5	103.5	104.5	105.5	106.5	107.5	108.5	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5	126.5	127.5	128.5	129.5	130.5	131.5	132.5	133.5	134.5	135.5	136.5	137.5	138.5	139.5	140.5	141.5	142.5	143.5	144.5	145.5	146.5	147.5	148.5	149.5	150.5	151.5	152.5	153.5	154.5	155.5	156.5	157.5	158.5	159.5	160.5	161.5	162.5	163.5	164.5	165.5	166.5	167.5	168.5	169.5	170.5	171.5	172.5	173.5	174.5	175.5	176.5	177.5	178.5	179.5	180.5	181.5	182.5	183.5	184.5	185.5	186.5	187.5	188.5	189.5	190.5	191.5	192.5	193.5	194.5	195.5	196.5	197.5	198.5	199.5	200.5	201.5	202.5	203.5	204.5	205.5	206.5	207.5	208.5	209.5	210.5	211.5	212.5	213.5	214.5	215.5	216.5	217.5	218.5	219.5	220.5	221.5	222.5	223.5	224.5	225.5	226.5	227.5	228.5	229.5	230.5	231.5	232.5	233.5	234.5	235.5	236.5	237.5	238.5	239.5	240.5	241.5	242.5	243.5	244.5	245.5	246.5	247.5	248.5	249.5	250.5	251.5	252.5	253.5	254.5	255.5	256.5	257.5	258.5	259.5	260.5	261.5	262.5	263.5	264.5	265.5	266.5	267.5	268.5	269.5	270.5	271.5	272.5	273.5	274.5	275.5	276.5	277.5	278.5	279.5	280.5	281.5	282.5	283.5	284.5	285.5	286.5	287.5	288.5	289.5	290.5	291.5	292.5	293.5	294.5	295.5	296.5	297.5	298.5	299.5	300.5	301.5	302.5	303.5	304.5	305.5	306.5	307.5	308.5	309.5	310.5	311.5	312.5	313.5	314.5	315.5	316.5	317.5	318.5	319.5	320.5	321.5	322.5	323.5	324.5	325.5	326.5	327.5	328.5	329.5	330.5	331.5	332.5	333.5	334.5	335.5	336.5	337.5	338.5	339.5	340.5	341.5	342.5	343.5	344.5	345.5	346.5	347.5	348.5	349.5	350.5	351.5	352.5	353.5	354.5	355.5	356.5	357.5	358.5	359.5	360.5	361.5	362.5	363.5	364.5	365.5	366.5	367.5	368.5	369.5	370.5	371.5	372.5	373.5	374.5	375.5	376.5	377.5	378.5	379.5	380.5	381.5	382.5	383.5	384.5	385.5	386.5	387.5	388.5	389.5	390.5	391.5	392.5	393.5	394.5	395.5	396.5	397.5	398.5	399.5	400.5	401.5	402.5	403.5	404.5	405.5	406.5	407.5	408.5	409.5	410.5	411.5	412.5	413.5	414.5	415.5	416.5	417.5	418.5	419.5	420.5	421.5	422.5	423.5	424.5	425.5	426.5	427.5	428.5	429.5	430.5	431.5	432.5	433.5	434.5	435.5	436.5	437.5	438.5	439.5	440.5	441.5	442.5
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[illegible]

RELIEF EXPRESSION OF THE STREAM FUNCTION-COMPONENT NR. 28

	82.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5M	07.5M
57.5M																		
52.5M											0.1372E 07	0.2141E 07	0.1819E 07	0.1352E 07	0.7987E 06	0.1100E 06		
47.5M										0.1529E 06	-0.5044E 06	-0.2627E 07	-0.2627E 07	-0.2105E 07	-0.1044E 07			
42.5M										-0.1544E 07	-0.3047E 07	-0.4610E 07	-0.5628E 07	-0.6162E 07	-0.4554E 07	-0.2396E 07	-0.5867E 06	-0.1469E 06
37.5M										-0.1262E 07	-0.1806E 07	-0.2484E 07	-0.3052E 07	-0.3574E 07	-0.4043E 07	-0.2625E 07		
32.5M										-0.3644E 07	-0.4446E 07	-0.5128E 07	-0.5723E 07	-0.6255E 07	-0.6734E 07	-0.2954E 07		
27.5M										-0.3577E 07	-0.4029E 07	-0.4484E 07	-0.4944E 07	-0.5414E 07	-0.5894E 07	-0.2387E 07		
22.5M										-0.2231E 07	-0.2534E 07	-0.2837E 07	-0.3140E 07	-0.3443E 07	-0.3746E 07	-0.1451E 07		
17.5M										-0.1516E 07	-0.1647E 07	-0.1778E 07	-0.1909E 07	-0.2040E 07	-0.2171E 07	-0.2302E 07		
12.5M										-0.2611E 07	-0.2724E 07	-0.2837E 07	-0.2950E 07	-0.3063E 07	-0.3176E 07	-0.3289E 07		
07.5M										-0.1453E 07	-0.1527E 07	-0.1601E 07	-0.1675E 07	-0.1749E 07	-0.1823E 07	-0.1897E 07		
02.5M										-0.2016E 07	-0.2029E 07	-0.2042E 07	-0.2055E 07	-0.2068E 07	-0.2081E 07	-0.2094E 07		

FALLOUT EXPANSION OF THE STREAM FUNCTION COMPONENT NO. 19

	62.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.1325E OF C.204E CF C.1575E CF C.1227E OF 0.7772E OF 0.1117E OF

0.1405E OF -0.4455E OF -0.2667E CF -0.2663E CF -0.226E CF -0.104E OF

-0.1550E OF -0.2967E OF -0.4499E OF -0.6774E CF -0.6025E OF -0.4455E OF -0.237E OF -0.570E OF -0.1448E OF

-0.124E OF -0.1752E OF -0.2766E OF -0.4721E OF -0.6979E OF -0.8999E OF -0.1002E OF -0.1047E OF -0.6624E CF -0.276E OF

-0.2957E OF -0.4455E OF -0.6324E OF -0.7909E OF -0.9473E OF -0.1114E OF -0.1293E OF -0.1502E OF -0.124E OF -0.1034E CF -0.260CE OF

-0.3427E OF -0.4635E OF -0.6635E OF -0.8635E OF -0.1062E OF -0.1559E OF -0.1623E OF -0.1619E OF -0.155E OF -0.137E CF -0.254E OF

-0.2871E OF -0.4158E OF -0.624E OF -0.824E OF -0.1071E OF -0.1771E OF -0.1769E OF -0.1771E OF -0.152E OF -0.137E CF -0.1424E OF

-0.1218E OF -0.424E CF -0.6565E OF -0.8565E OF -0.1117E OF -0.1771E OF -0.1769E OF -0.1771E OF -0.152E OF -0.137E CF -0.1424E OF

-0.2522E OF -0.4564E CF -0.6564E OF -0.8564E OF -0.1117E OF -0.1771E OF -0.1769E OF -0.1771E OF -0.152E OF -0.137E CF -0.1424E OF

-0.1215E OF -0.4271E CF -0.6271E OF -0.8271E OF -0.1071E OF -0.1771E OF -0.1769E OF -0.1771E OF -0.152E OF -0.137E CF -0.1424E OF

-0.1661E OF -0.2955E OF -0.4702E OF -0.6453E OF -0.8204E OF -0.9955E OF -0.8124E OF -0.6524E OF -0.504E CF C.2672E CF C.1357E CF

0.1411E OF 0.2222E OF 0.2115E OF C.270E OF 0.226E CF 0.155E CF 0.117E OF 0.4427E OF -0.5571E OF -0.4455E OF -0.1062E OF

[illegible]

[illegible]

0.1402E 06 -0.4724E 16 -0.1874E 07 -0.2441E 07 -0.2549E 07 -0.1477E 07 -0.1001E 07

$$-0.1869E 07 - 0.2817E 07 - 0.4274E 07 - 0.5541E 07 - 0.6444E 07 - 0.6759E 07 - 0.6255E 07 - 0.5575E 06 - 0.1460E 06$$

$-C_{-1171E}$ CI $-0.1651E$ OF $-0.2614E$ OF $-0.4470E$ OF $-0.6639E$ OF $-0.8562E$ OF $-0.9544E$ CI $-C_{-1033E}$ CB $-0.9933E$ CI $-C_{-8581E}$ CI $-0.1266E$ OF

C-2741E OF -C-4546E OF -0.5494E OF -0.7496E OF -0.4090E OF -0.1416E OF -0.1134E OF -0.6762E OF -0.2693E OF

[illegible]
$$2\beta_{15N} = -0.2608(27) - 0.5017(6) \beta_1 - 0.2477(6) \beta_2 - 0.1137(6) \beta_3 - 0.1452(10) \beta_4 - 0.1514(6) \beta_5 - 0.1624(7) \beta_6 - 0.1684(6) \beta_7 - 0.1686(6) \beta_8 - 0.1624(7) \beta_9 - 0.1512(6) \beta_{10} - 0.1452(10) \beta_{11} - 0.2477(6) \beta_{12} - 0.5017(6) \beta_{13} - 0.2608(27) \beta_{14}$$

22.5A
-C.875UL C? -C.6111C C? -0.1057E CH -0.150ME CH -0.1487E CH -0.1606E CH -0.1593E CH -C.1444UT C? -C.14322E CH -C.1032E PH -C.6434E CH -C.6034E CH

17.5A
-C.628dU CT -C.4322E CT -C.75C7E CA -0.96BCE CT -0.1220E CB -0.1359E CH -0.1403E CH -0.1279F CM -0.13EAL CN

12.58
-C.1146 CT -0.115 E CT -C.1168 CT -C.2572 CT -0.7588 CT -0.8879 CT -0.9597 CT -0.7774 CT -0.6463

[illegible]

	77.5	82.5	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	247.5	252.5	257.5	262.5	267.5	272.5	277.5	282.5	287.5	292.5	297.5	302.5	307.5	312.5	317.5	322.5	327.5	332.5	337.5	342.5	347.5	352.5	357.5	362.5	367.5	372.5	377.5	382.5	387.5	392.5	397.5	402.5	407.5	412.5	417.5	422.5	427.5	432.5	437.5	442.5	447.5	452.5	457.5	462.5	467.5	472.5	477.5	482.5	487.5	492.5	497.5	502.5	507.5	512.5	517.5	522.5	527.5	532.5	537.5	542.5	547.5	552.5	557.5	562.5	567.5	572.5	577.5	582.5	587.5	592.5	597.5	602.5	607.5	612.5	617.5	622.5	627.5	632.5	637.5	642.5	647.5	652.5	657.5	662.5	667.5	672.5	677.5	682.5	687.5	692.5	697.5	702.5	707.5	712.5	717.5	722.5	727.5	732.5	737.5	742.5	747.5	752.5	757.5	762.5	767.5	772.5	777.5	782.5	787.5	792.5	797.5	802.5	807.5	812.5	817.5	822.5	827.5	832.5	837.5	842.5	847.5	852.5	857.5	862.5	867.5	872.5	877.5	882.5	887.5	892.5	897.5	902.5	907.5	912.5	917.5	922.5	927.5	932.5	937.5	942.5	947.5	952.5	957.5	962.5	967.5	972.5	977.5	982.5	987.5	992.5	997.5	1002.5	1007.5	1012.5	1017.5	1022.5	1027.5	1032.5	1037.5	1042.5	1047.5	1052.5	1057.5	1062.5	1067.5	1072.5	1077.5	1082.5	1087.5	1092.5	1097.5	1102.5	1107.5	1112.5	1117.5	1122.5	1127.5	1132.5	1137.5	1142.5	1147.5	1152.5	1157.5	1162.5	1167.5	1172.5	1177.5	1182.5	1187.5	1192.5	1197.5	1202.5	1207.5	1212.5	1217.5	1222.5	1227.5	1232.5	1237.5	1242.5	1247.5	1252.5	1257.5	1262.5	1267.5	1272.5	1277.5	1282.5	1287.5	1292.5	1297.5	1302.5	1307.5	1312.5	1317.5	1322.5	1327.5	1332.5	1337.5	1342.5	1347.5	1352.5	1357.5	1362.5	1367.5	1372.5	1377.5	1382.5	1387.5	1392.5	1397.5	1402.5	1407.5	1412.5	1417.5	1422.5	1427.5	1432.5	1437.5	1442.5	1447.5	1452.5	1457.5	1462.5	1467.5	1472.5	1477.5	1482.5	1487.5	1492.5	1497.5	1502.5	1507.5	1512.5	1517.5	1522.5	1527.5	1532.5	1537.5	1542.5	1547.5	1552.5	1557.5	1562.5	1567.5	1572.5	1577.5	1582.5	1587.5	1592.5	1597.5	1602.5	1607.5	1612.5	1617.5	1622.5	1627.5	1632.5	1637.5	1642.5	1647.5	1652.5	1657.5	1662.5	1667.5	1672.5	1677.5	1682.5	1687.5	1692.5	1697.5	1702.5	1707.5	1712.5	1717.5	1722.5	1727.5	1732.5	1737.5	1742.5	1747.5	1752.5	1757.5	1762.5	1767.5	1772.5	1777.5	1782.5	1787.5	1792.5	1797.5	1802.5	1807.5	1812.5	1817.5	1822.5	1827.5	1832.5	1837.5	1842.5	1847.5	1852.5	1857.5	1862.5	1867.5	1872.5	1877.5	1882.5	1887.5	1892.5	1897.5	1902.5	1907.5	1912.5	1917.5	1922.5	1927.5	1932.5	1937.5	1942.5	1947.5	1952.5	1957.5	1962.5	1967.5	1972.5	1977.5	1982.5	1987.5	1992.5	1997.5	2002.5	2007.5	2012.5	
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[illegible]

[illegible]

0.1221E 07 0.1927E 07 0.1428E 07 0.1916E 07 0.1976E 07 0.1259E 07 0.1027E 07 0.5686E 06 0.1891E 06 -0.1143E 01 -0.4300E 06 -0.9504E 05

[illegible]

62.5k	77.5k	82.5k	87.5k	92.5k	97.5k	102.5k	107.5k	112.5k	117.5k	122.5k	127.5k	132.5k	137.5k	142.5k	147.5k	152.5k	157.5k	162.5k	167.5k	172.5k	177.5k	182.5k	187.5k	192.5k	197.5k	202.5k	207.5k	212.5k	217.5k	222.5k	227.5k	232.5k	237.5k	242.5k	247.5k	252.5k	257.5k	262.5k	267.5k	272.5k	277.5k	282.5k	287.5k	292.5k	297.5k	302.5k	307.5k	312.5k	317.5k	322.5k	327.5k	332.5k	337.5k	342.5k	347.5k	352.5k	357.5k	362.5k	367.5k	372.5k	377.5k	382.5k	387.5k	392.5k	397.5k	402.5k	407.5k	412.5k	417.5k	422.5k	427.5k	432.5k	437.5k	442.5k	447.5k	452.5k	457.5k	462.5k	467.5k	472.5k	477.5k	482.5k	487.5k	492.5k	497.5k	502.5k	507.5k	512.5k	517.5k	522.5k	527.5k	532.5k	537.5k	542.5k	547.5k	552.5k	557.5k	562.5k	567.5k	572.5k	577.5k	582.5k	587.5k	592.5k	597.5k	602.5k	607.5k	612.5k	617.5k	622.5k	627.5k	632.5k	637.5k	642.5k	647.5k	652.5k	657.5k	662.5k	667.5k	672.5k	677.5k	682.5k	687.5k	692.5k	697.5k	702.5k	707.5k	712.5k	717.5k	722.5k	727.5k	732.5k	737.5k	742.5k	747.5k	752.5k	757.5k	762.5k	767.5k	772.5k	777.5k	782.5k	787.5k	792.5k	797.5k	802.5k	807.5k	812.5k	817.5k	822.5k	827.5k	832.5k	837.5k	842.5k	847.5k	852.5k	857.5k	862.5k	867.5k	872.5k	877.5k	882.5k	887.5k	892.5k	897.5k	902.5k	907.5k	912.5k	917.5k	922.5k	927.5k	932.5k	937.5k	942.5k	947.5k	952.5k	957.5k	962.5k	967.5k	972.5k	977.5k	982.5k	987.5k	992.5k	997.5k	1002.5k	1007.5k	1012.5k	1017.5k	1022.5k	1027.5k	1032.5k	1037.5k	1042.5k	1047.5k	1052.5k	1057.5k	1062.5k	1067.5k	1072.5k	1077.5k	1082.5k	1087.5k	1092.5k	1097.5k	1102.5k	1107.5k	1112.5k	1117.5k	1122.5k	1127.5k	1132.5k	1137.5k	1142.5k	1147.5k	1152.5k	1157.5k	1162.5k	1167.5k	1172.5k	1177.5k	1182.5k	1187.5k	1192.5k	1197.5k	1202.5k	1207.5k	1212.5k	1217.5k	1222.5k	1227.5k	1232.5k	1237.5k	1242.5k	1247.5k	1252.5k	1257.5k	1262.5k	1267.5k	1272.5k	1277.5k	1282.5k	1287.5k	1292.5k	1297.5k	1302.5k	1307.5k	1312.5k	1317.5k	1322.5k	1327.5k	1332.5k	1337.5k	1342.5k	1347.5k	1352.5k	1357.5k	1362.5k	1367.5k	1372.5k	1377.5k	1382.5k	1387.5k	1392.5k	1397.5k	1402.5k	1407.5k	1412.5k	1417.5k	1422.5k	1427.5k	1432.5k	1437.5k	1442.5k	1447.5k	1452.5k	1457.5k	1462.5k	1467.5k	1472.5k	1477.5k	1482.5k	1487.5k	1492.5k	1497.5k	1502.5k	1507.5k	1512.5k	1517.5k	1522.5k	1527.5k	1532.5k	1537.5k	1542.5k	1547.5k	1552.5k	1557.5k	1562.5k	1567.5k	1572.5k	1577.5k	1582.5k	1587.5k	1592.5k	1597.5k	1602.5k	1607.5k	1612.5k	1617.5k	1622.5k	1627.5k	1632.5k	1637.5k	1642.5k	1647.5k	1652.5k	1657.5k	1662.5k	1667.5k	1672.5k	1677.5k	1682.5k	1687.5k	1692.5k	1697.5k	1702.5k	1707.5k	1712.5k	1717.5k	1722.5k	1727.5k	1732.5k	1737.5k	1742.5k	1747.5k	1752.5k	1757.5k	1762.5k	1767.5k	1772.5k	1777.5k	1782.5k	1787.5k	1792.5k	1797.5k	1802.5k	1807.5k	1812.5k	1817.5k	1822.5k	1827.5k	1832.5k	1837.5k	1842.5k	1847.5k	18
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AD-A067 405

NEW YORK UNIV BRONX GEOPHYSICAL SCIENCES LAB

F/6 4/2

A THREE DIMENSIONAL MODEL OF THE WIND DRIVEN HORIZONTAL VELOCIT--ETC(U)

OCT 63 E S HASSAN, F D MALONE

N62306-794

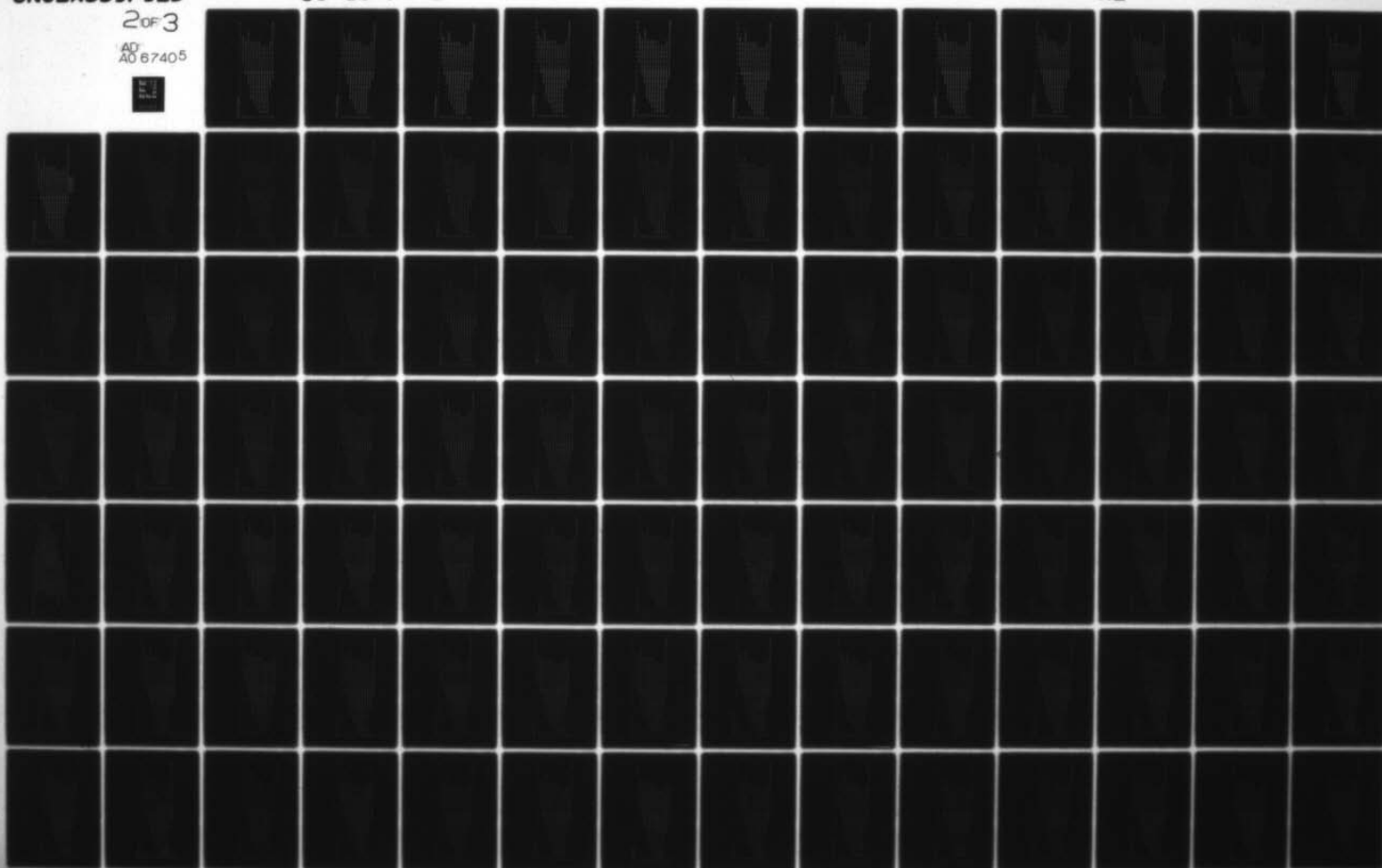
UNCLASSIFIED

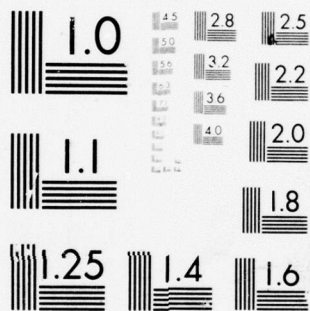
63-13-PT-2

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2 of 3

AD
A0 67405





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

07.5t

[illegible]

[illegible]

07.54

[illegible]

97.5%

[illegible]

[illegible]

FELTHER EXPANSION OF THE STRAP FUNCTION-COMPONENT NO. 95

	82.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5M	07.5M
57.5M																		
52.5M																		
47.5M																		
42.5M																		
37.5M																		
32.5M																		
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02.5M																		

C.6606E 06 0.1416E 07 C.1060E 07 C.6554E 06 0.5257E 06 0.7665E 05

0.9996E 05 -C.5522E 06 -0.1564E 07 -0.1052E 07 -C.1406E 07 -0.1451E 07 -0.7626E 06

-0.1041E 07 -0.2022E 07 -0.3094E 07 -0.5442E 07 -C.4756E 07 -C.4756E 07 -0.3206E 07 -0.1716E 07 -0.4307E 06 -0.1136E 06

-C.8045E 06 -0.1136E 07 -0.1850E 07 -0.4775E 07 -0.6220E 07 -C.6494E 07 -C.7362E 07 -C.6360E 07 -C.4544E 07 -C.2036E 07

-0.1944E 07 -C.3212E 07 -0.4220E 07 -0.5332E 07 -0.6444E 07 -0.7641E 07 -0.8970E 07 -0.9442E 07 -C.4626E 07 -C.4626E 07 -C.3429E 07 -C.5061E 07 -0.2086E 07

-C.2245E 07 -0.4041E 07 -0.6244E 07 -0.7755E 07 -0.8990E 07 -0.1001E 06 -0.1077E 06 -0.1150E 06 -C.1126E 06 -C.1044E 06 -C.9544E 07 -C.1676E 07 -0.5014E 07 -0.1416E 07

-C.1843E 07 -0.4041E 07 -0.6244E 07 -0.7755E 07 -0.8990E 07 -0.1001E 06 -0.1077E 06 -0.1150E 06 -C.1126E 06 -C.1044E 06 -C.9544E 07 -C.1676E 07 -0.5014E 07 -0.1416E 07

-0.2086E 07 -0.4106E 07 -0.7456E 07 -0.9277E 07 -0.1067E 06 -0.1163E 06 -0.1200E 06 -0.1151E 06 -0.1172E 06 -C.4674E 07 -C.7442E 07 -C.5121E 07 -0.1801E 07

-C.1639E 07 -0.3002E 07 -0.4041E 07 -0.5274E 07 -0.6655E 07 -0.8066E 07 -C.8155E 07 -C.7642E 07 -C.5101E 07 -C.2271E 07 -0.5624E 05

-0.7868E 06 -0.7862E 06 -0.6912E 06 -0.1770E 07 -0.3124E 07 -0.5286E 07 -0.6444E 07 -C.2776E 07 -0.1925E 07 C.6086E 05 0.6444E 06

-0.1322E 07 -0.2052E 07 -0.2012E 07 -0.9540E 06 -C.1152E 06 C.1014E 07 0.1266E 07 0.1475E 07 0.8926E 06 0.1421E 06

0.9221E 06 0.1456E 07 C.1375E 07 C.1425E 07 C.1456E 07 C.1021E 07 C.1422E 06 0.4442E 06 0.1510E 06 -0.2429E 06 -0.3365E 06 -0.7579E 05

02.5N

	67.5N	67.5E	68.5S	69.5W	70.5E	71.5S	72.5W	73.5E	74.5S	75.5W	76.5E	77.5S	78.5W	79.5E	80.5S	81.5W	82.5E	83.5S	84.5W	85.5E	86.5S	87.5W	88.5E	89.5S	90.5W	91.5E	92.5S	93.5W	94.5E	95.5S	96.5W	97.5E	98.5S	99.5W	00.5E	01.5S	02.5W	03.5E	04.5S	05.5W	06.5E	07.5S	08.5W	09.5E	10.5S	11.5W	12.5E	13.5S	14.5W	15.5E	16.5S	17.5W	18.5E	19.5S	20.5W	21.5E	22.5S	23.5W	24.5E	25.5S	26.5W	27.5E	28.5S	29.5W	30.5E	31.5S	32.5W	33.5E	34.5S	35.5W	36.5E	37.5S	38.5W	39.5E	40.5S	41.5W	42.5E	43.5S	44.5W	45.5E	46.5S	47.5W	48.5E	49.5S	50.5W	51.5E	52.5S	53.5W	54.5E	55.5S	56.5W	57.5E	58.5S	59.5W	60.5E	61.5S	62.5W	63.5E	64.5S	65.5W	66.5E	67.5S	68.5W	69.5E	70.5S	71.5W	72.5E	73.5S	74.5W	75.5E	76.5S	77.5W	78.5E	79.5S	80.5W	81.5E	82.5S	83.5W	84.5E	85.5S	86.5W	87.5E	88.5S	89.5W	90.5E	91.5S	92.5W	93.5E	94.5S	95.5W	96.5E	97.5S	98.5W	99.5E	00.5S	01.5W	02.5E	03.5S	04.5W	05.5E	06.5S	07.5W	08.5E	09.5S	10.5W	11.5E	12.5S	13.5W	14.5E	15.5S	16.5W	17.5E	18.5S	19.5W	20.5E	21.5S	22.5W	23.5E	24.5S	25.5W	26.5E	27.5S	28.5W	29.5E	30.5S	31.5W	32.5E	33.5S	34.5W	35.5E	36.5S	37.5W	38.5E	39.5S	40.5W	41.5E	42.5S	43.5W	44.5E	45.5S	46.5W	47.5E	48.5S	49.5W	50.5E	51.5S	52.5W	53.5E	54.5S	55.5W	56.5E	57.5S	58.5W	59.5E	60.5S	61.5W	62.5E	63.5S	64.5W	65.5E	66.5S	67.5W	68.5E	69.5S	70.5W	71.5E	72.5S	73.5W	74.5E	75.5S	76.5W	77.5E	78.5S	79.5W	80.5E	81.5S	82.5W	83.5E	84.5S	85.5W	86.5E	87.5S	88.5W	89.5E	90.5S	91.5W	92.5E	93.5S	94.5W	95.5E	96.5S	97.5W	98.5E	99.5S	00.5W	01.5E	02.5S	03.5W	04.5E	05.5S	06.5W	07.5E	08.5S	09.5W	10.5E	11.5S	12.5W	13.5E	14.5S	15.5W	16.5E	17.5S	18.5W	19.5E	20.5S	21.5W	22.5E	23.5S	24.5W	25.5E	26.5S	27.5W	28.5E	29.5S	30.5W	31.5E	32.5S	33.5W	34.5E	35.5S	36.5W	37.5E	38.5S	39.5W	40.5E	41.5S	42.5W	43.5E	44.5S	45.5W	46.5E	47.5S	48.5W	49.5E	50.5S	51.5W	52.5E	53.5S	54.5W	55.5E	56.5S	57.5W	58.5E	59.5S	60.5W	61.5E	62.5S	63.5W	64.5E	65.5S	66.5W	67.5E	68.5S	69.5W	70.5E	71.5S	72.5W	73.5E	74.5S	75.5W	76.5E	77.5S	78.5W	79.5E	80.5S	81.5W	82.5E	83.5S	84.5W	85.5E	86.5S	87.5W	88.5E	89.5S	90.5W	91.5E	92.5S	93.5W	94.5E	95.5S	96.5W	97.5E	98.5S	99.5W	00.5E	01.5S	02.5W	03.5E	04.5S	05.5W	06.5E	07.5S	08.5W	09.5E	10.5S	11.5W	12.5E	13.5S	14.5W	15.5E	16.5S	17.5W	18.5E	19.5S	20.5W	21.5E	22.5S	23.5W	24.5E	25.5S	26.5W	27.5E	28.5S	29.5W	30.5E	31.5S	32.5W	33.5E	34.5S	35.5W	36.5E	37.5S	38.5W	39.5E	40.5S	41.5W	42.5E	43.5S	44.5W	45.5E	46.5S	47.5W	48.5E	49.5S	50.5W	51.5E	52.5S	53.5W	54.5E	55.5S	56.5W	57.5E	58.5S	59.5W	60.5E	61.5S	62.5W	63.5E	64.5S	65.5W	66.5E	67.5S	68.5W	69.5E	70.5S	71.5W	72.5E	73.5S
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	67.5h	77.5	87.5	97.5	107.5	117.5	127.5	137.5	147.5	157.5	167.5	177.5	187.5	197.5	207.5	217.5	227.5	237.5	247.5	257.5	267.5	277.5	287.5	297.5	307.5	317.5	327.5	337.5	347.5	357.5	367.5	377.5	387.5	397.5	407.5	417.5	427.5	437.5	447.5	457.5	467.5	477.5	487.5	497.5	507.5	517.5	527.5	537.5	547.5	557.5	567.5	577.5	587.5	597.5	607.5	617.5	627.5	637.5	647.5	657.5	667.5	677.5	687.5	697.5	707.5	717.5	727.5	737.5	747.5	757.5	767.5	777.5	787.5	797.5	807.5	817.5	827.5	837.5	847.5	857.5	867.5	877.5	887.5	897.5	907.5	917.5	927.5	937.5	947.5	957.5	967.5	977.5	987.5	997.5	1007.5	1017.5	1027.5	1037.5	1047.5	1057.5	1067.5	1077.5	1087.5	1097.5	1107.5	1117.5	1127.5	1137.5	1147.5	1157.5	1167.5	1177.5	1187.5	1197.5	1207.5	1217.5	1227.5	1237.5	1247.5	1257.5	1267.5	1277.5	1287.5	1297.5	1307.5	1317.5	1327.5	1337.5	1347.5	1357.5	1367.5	1377.5	1387.5	1397.5	1407.5	1417.5	1427.5	1437.5	1447.5	1457.5	1467.5	1477.5	1487.5	1497.5	1507.5	1517.5	1527.5	1537.5	1547.5	1557.5	1567.5	1577.5	1587.5	1597.5	1607.5	1617.5	1627.5	1637.5	1647.5	1657.5	1667.5	1677.5	1687.5	1697.5	1707.5	1717.5	1727.5	1737.5	1747.5	1757.5	1767.5	1777.5	1787.5	1797.5	1807.5	1817.5	1827.5	1837.5	1847.5	1857.5	1867.5	1877.5	1887.5	1897.5	1907.5	1917.5	1927.5	1937.5	1947.5	1957.5	1967.5	1977.5	1987.5	1997.5	2007.5	2017.5	2027.5	2037.5	2047.5	2057.5	2067.5	2077.5	2087.5	2097.5	2107.5	2117.5	2127.5	2137.5	2147.5	2157.5	2167.5	2177.5	2187.5	2197.5	2207.5	2217.5	2227.5	2237.5	2247.5	2257.5	2267.5	2277.5	2287.5	2297.5	2307.5	2317.5	2327.5	2337.5	2347.5	2357.5	2367.5	2377.5	2387.5	2397.5	2407.5	2417.5	2427.5	2437.5	2447.5	2457.5	2467.5	2477.5	2487.5	2497.5	2507.5	2517.5	2527.5	2537.5	2547.5	2557.5	2567.5	2577.5	2587.5	2597.5	2607.5	2617.5	2627.5	2637.5	2647.5	2657.5	2667.5	2677.5	2687.5	2697.5	2707.5	2717.5	2727.5	2737.5	2747.5	2757.5	2767.5	2777.5	2787.5	2797.5	2807.5	2817.5	2827.5	2837.5	2847.5	2857.5	2867.5	2877.5	2887.5	2897.5	2907.5	2917.5	2927.5	2937.5	2947.5	2957.5	2967.5	2977.5	2987.5	2997.5	3007.5	3017.5	3027.5	3037.5	3047.5	3057.5	3067.5	3077.5	3087.5	3097.5	3107.5	3117.5	3127.5	3137.5	3147.5	3157.5	3167.5	3177.5	3187.5	3197.5	3207.5	3217.5	3227.5	3237.5	3247.5	3257.5	3267.5	3277.5	3287.5	3297.5	3307.5	3317.5	3327.5	3337.5	3347.5	3357.5	3367.5	3377.5	3387.5	3397.5	3407.5	3417.5	3427.5	3437.5	3447.5	3457.5	3467.5	3477.5	3487.5	3497.5	3507.5	3517.5	3527.5	3537.5	3547.5	3557.5	3567.5	3577.5	3587.5	3597.5	3607.5	3617.5	3627.5	3637.5	3647.5	3657.5	3667.5	3677.5	3687.5	3697.5	3707.5	3717.5	3727.5	3737.5	3747.5	3757.5	3767.5	3777.5	3787.5	3797.5	3807.5	3817.5	3827.5	3837.5	3847.5	3857.5
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EXPANSION OF THE STRAP FUNCTION COMPONENT NO. 100

82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5N
58.5N																	
53.5N																	
48.5N																	
43.5N																	
38.5N																	
33.5N																	
28.5N																	
23.5N																	
18.5N																	
13.5N																	
08.5N																	
03.5N																	

C.1125E C7 C.1522E C6 C.1421E C5 0.0005E C5

0.0023E C5 -0.5162E C6 -C.1062E C7 -C.1122E C7 -C.1152E C7 -0.0046E C6

-0.0025E C6 -0.1017E C7 -0.2798E C7 -0.5810E C7 -0.6101E C7 -0.6074E C7 -0.5747E C7 -C.1125E C7 -C.1062E C7 -0.1061E C7

-C.1125E C7 -C.1062E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7

-0.2071E C7 -C.1125E C7 -C.1062E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7 -0.1061E C7

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-0.1105E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7 -0.1051E C7

0.0022E C6 0.1002E C7 C.1022E C7 0.1022E C7 C.1022E C7 C.1022E C7 C.1022E C7 C.1022E C7 C.1022E C7 C.1022E C7

PROG. TERMINATED BY CALL EXIT STATEMENT.

NO NO 10101 AM 1400001 AM 1400001

LAST CALL FROM SERIAL MONITOR INPUT TAPE WAS ...

100

3670

ZENAL VELOCITY IN CM./SEC. AT LEVEL NO. 1

	82.5m	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5m	07.5m
57.5m																		
52.5m																		
47.5m																		
42.5m																		
37.5m																		
32.5m																		
27.5m																		
22.5m																		
17.5m																		
12.5m																		
07.5m																		
02.5m																		

0.4015E 01 0.7277E 01 0.5673E 01 0.4368E 01 0.4891E 00 0.1191E-00

0.1682E 02 0.1750E 02 0.5818E 02 0.4155E 02 0.2190E 02 0.1748E 02 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

0.1714E 02 0.2730E 02 0.2497E 02 0.4281E 02 0.2861E 02 0.4658E 02 0.1620E 02 0.1274E 01 0.1551E 01 0.2274E-00 0.3234E-00 -0.

MERIDIONAL VELOCITY IN CM/SEC. AT LEVEL NO.

	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5	07.5
57.5N																	
52.5N																	
47.5N																	
42.5N																	
37.5N																	
32.5N																	
27.5N																	
22.5N																	
17.5N																	
12.5N																	
07.5N																	
02.5N																	

-0.4219E 02 0.3811E 02 0.1915E 02 0.2176E 02 0.1498E 02 0.5194E 01

-0.2091E 01 0.1220E 02 0.1254E 02 0.1371E 01 -0.8194E 01 -0.6431E 01 -0.7335E 01

0.1710E 02 0.3306E 01 0.2160E 01 0.2511E 01 -0.1072E 01 -0.1045E 02 -0.1394E 02 -0.1540E 02 -0.1122E 02 -0.7100E 00 0.1859E 01

0.7732E 01 0.4260E 01 0.1994E 02 0.1275E 02 0.1352E 01 -0.2786E 01 -0.5113E 01 -0.1351E 02 -0.2654E 02 -0.2276E 02 -0.1295E 02

0.2702E 02 0.1625E 00 0.1027E 02 0.5050E 01 0.7733E 01 0.1924E 01 -0.6538E 01 -0.1217E 02 -0.1617E 02 -0.2619E 02 -0.2332E 02 -0.4524E 01

0.4779E 02 0.1563E 01 0.4751E 01 0.5025E 00 -0.7192E 01 -0.4519E 01 -0.8943E 01 -0.1666E 02 -0.1577E 02 -0.1931E 02 -0.2140E 02 -0.8557E 01

0.5351E 02 0.1855E 01 0.1231E 02 -0.5716E 01 -0.2047E 00 -0.8913E 01 -0.4789E 01 -0.1022E 02 -0.4057E 01 -0.1440E 02 -0.2274E 02 -0.1774E 02 -0.7634E 00

0.5994E 02 -0.5424E 01 0.1002E 02 0.1741E 00 -0.5416E 03 -0.8621E 01 -0.7624E 01 -0.1555E 02 -0.1189E 02 -0.1254E 02 -0.1462E 02 -0.2022E 02 -0.4124E 01

0.2896E 02 -0.2811E 01 0.5566E 01 0.7629E 01 0.6117E 01 -0.4459E 01 -0.7442E 01 -0.1534E 02 -0.1594E 02 -0.4679E 01 -0.1772E 02 -0.1494E 02 0.7620E 01

0.6511E 00 -0.1949E 01 0.7561E 01 0.9577E 01 0.1267E 02 0.2644E 01 -0.5651E 01 -0.1406E 02 -0.1462E 02 -0.1116E 02 -0.5696E 01 -0.4074E 01 0.1494E 02

-0.5565E 01 -0.4667E 00 -0.1032E 02 0.1260E 01 -0.6739E 00 0.1053E 02 0.1039E 02 0.1855E 02 0.4929E 01 0.1224E 01

-0.1448E 02 0.1887E 02 0.5678E 01 0.4542E 01 0.4207E 01 0.7530E 01 0.2261E 01 0.5729E 01 0.1055E 01 0.1684E 01 -0.5102E 01 -0.6877E 00

[illegible]

WINDSPEED RELIEF IN MP/SEC. AT LEVEL NO.

Z

02.5M 77.5 72.5 67.5 62.5 57.5 52.5 47.5 42.5 37.5 32.5 27.5 22.5 17.5 12.5 07.5M

56.5N

-0.229M 02 0.375M 02 0.185M 02 0.140M 02 0.237M 01

52.5N

-0.165M 01 0.279M 02 0.656M 01 -0.656M 01 -0.656M 01 -0.279M 01

47.5N

0.476M 01 0.310M 01 0.395M 01 -0.395M 01 -0.395M 01 -0.310M 01 -0.395M 01 -0.310M 01 -0.395M 01 -0.310M 01

42.5N

0.140M 01 0.405M 01 0.140M 02 0.140M 02 0.140M 02 0.140M 02 0.140M 02 0.140M 02 0.140M 02 0.140M 02

37.5N

0.140M 02 -0.405M 01 0.515M 01 0.515M 01 0.515M 01 0.515M 01 0.515M 01 0.515M 01 0.515M 01 0.515M 01

32.5N

0.502M 02 -0.502M 01 0.279M 01 -0.279M 01 -0.279M 01 -0.279M 01 -0.279M 01 -0.279M 01 -0.279M 01 -0.279M 01

27.5N

0.502M 02 -0.502M 01 0.140M 01 -0.140M 01 -0.140M 01 -0.140M 01 -0.140M 01 -0.140M 01 -0.140M 01 -0.140M 01

22.5N

0.235M 02 -0.235M 01 -0.235M 01 -0.235M 01 -0.235M 01 -0.235M 01 -0.235M 01 -0.235M 01 -0.235M 01 -0.235M 01

17.5N

0.156M 02 -0.156M 01 0.156M 01 -0.156M 01 -0.156M 01 -0.156M 01 -0.156M 01 -0.156M 01 -0.156M 01 -0.156M 01

12.5N

-0.216M 01 -0.216M 01 0.502M 01 -0.502M 01 -0.502M 01 -0.502M 01 -0.502M 01 -0.502M 01 -0.502M 01 -0.502M 01

07.5N

-0.809M 01 0.417M 00 -0.572M 01 0.560M 01 0.279M 01 0.119M 02 0.119M 02 0.119M 02 0.119M 02 0.119M 02

02.5N

-0.809M 01 0.185M 02 0.417M 01 0.502M 01 0.502M 01 0.502M 01 0.502M 01 0.502M 01 0.502M 01 0.502M 01

[illegible]

ZENITH VELOCITY IN CM/SEC. AT LEVEL NO. 3

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5E	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

-0.

STEEP FUNCTION IN UNITS OF CM.²/SEC. AT LEVEL NO. N

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	7.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.1842E 10 0.5627E 09 0.4485E 08 0.5513E 08 -0.6478E 08 -0.2179E 09

0.6530E 09 -0.1899E 09 -0.1706E 09 -0.2515E 09 -0.4431E 08 -0.6011E 08 0.5532E 08

-0.3541E 09 -0.1202E 09 -0.3147E 09 -0.1171E 09 -0.1549E 09 0.7742E 08 0.6145E 08 0.1407E 09 0.6657E 08 0.3869E 08 -0.7215E 08

0.1233E 09 0.5510E 08 -0.1072E 09 -0.5194E 09 -0.2798E 09 -0.2001E 09 -0.4156E 08 -0.4769E 08 0.3407E 08 0.1274E 09 0.1745E 09 0.1197E 09

-0.4403E 09 0.2043E 09 -0.1815E 09 0.6168E 08 -0.1051E 09 -0.5473E 09 0.1558E 09 -0.1768E 09 0.8471E 08 0.1228E 09 0.1186E 09 0.2378E 09 0.2007E 09 0.2647E 09 0.1678E 09

-0.1850E 10 -0.7146E 08 -0.1017E 10 0.2507E 08 -0.5473E 09 0.1558E 09 -0.1768E 09 0.8471E 08 0.1228E 09 0.1186E 09 0.2378E 09 0.2007E 09 0.2647E 09 0.1678E 09

-0.3142E 10 -0.1955E 09 -0.1983E 10 0.6522E 08 -0.1269E 10 0.1949E 09 -0.4027E 09 0.2058E 09 -0.6826E 09 0.2372E 09 -0.4611E 09 0.5174E 09 -0.7530E 09 0.2422E 09 -0.3496E 09

-0.1703E 10 0.4066E 09 0.6689E 09 0.5543E 09 -0.5734E 09 0.4196E 09 -0.2562E 08 0.9111E 09 0.1779E 09 0.4848E 09 0.2786E 09 0.8406E 09 0.5691E 09 0.1643E 09

-0.1093E 10 0.2012E 08 -0.5587E 09 0.4307E 09 -0.2122E 09 0.3670E 09 0.1289E 09 0.6754E 09 0.1087E 09 0.1612E 09 0.2917E 09 0.4801E 09 0.6552E 09 0.6632E 09

0.5279E 09 0.5241E 09 0.1604E 09 0.2621E 09 0.1460E 09 0.2629E 09 0.3017E 09 0.3500E 09 0.4104E 09 0.5751E 09 0.2584E 09 0.1782E 09 0.1537E 09 -0.3994E 09

0.1652E 10 0.4109E 09 0.1541E 10 0.7570E 08 0.6632E 09 -0.4213E 09 0.2307E 08 -0.5366E 09 -0.1497E 09 -0.4247E 09

0.1677E 10 -0.4162E 09 0.5461E 09 -0.6160E 09 0.1638E 09 -0.7248E 09 0.1152E 09 -0.4742E 09 -0.2643E 08 -0.6305E 09 0.2264E 08 -0.5540E 09

ZENITH VELOCITY IN CM/SEC. AT LEVEL NO.

	92.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.1365E 01 0.3204E 01 0.4729E 00 0.4942E 00 -0.110E 00 0.1002E-01

0.3462E 01 0.1343E 01 0.2458E 02 0.5585E 01 0.5207E 01 -0.7463E 00 -0.1668E 01

0.1675E 01 0.3351E 01 0.1022E 02 -0.1566E 01 -0.3039E 01 -0.3941E 01 -0.2715E 01 -0.2591E 01 -0.7771E 00 0.3268E-00 -0.

-0.4051E 01 0.2240E 01 -0.1554E 01 -0.2760E 01 -0.1655E 01 -0.3822E 01 -0.2500E 01 -0.2267E 01 -0.1211E 01 -0.1251E 01 -0.1146E 01 -0.7378E 00

-0.2065E 01 0.1574E 02 -0.1794E 01 0.4556E 01 -0.5524E 01 -0.7481E 00 -0.6396E 01 -0.4557E 00 -0.5425E 01 -0.1184E 01 -0.1446E 01 0.4373E-01 -0.1242E 01

0.2944E 01 0.1666E 02 0.2334E 01 0.1241E 02 -0.8910E-01 0.1001E 02 -0.7275E 00 0.7755E 01 0.1855E-01 0.7506E 01 0.2344E-00 0.6150E 01 0.1150E 01 0.5984E 01

0.1886E 02 -0.2658E 02 0.2346E 01 -0.1852E 02 0.4770E 01 -0.1559E 02 0.2529E 01 -0.1203E 02 0.1740E 01 -0.4717E 01 0.7468E 00 -0.7877E 01 -0.8949E 00 -0.6857E 01 0.2113E 01

-0.2379E 02 -0.2155E 01 -0.1640E 02 -0.3257E 01 -0.1216E 02 -0.4834E 01 -0.1170E 02 -0.4172E 01 -0.4007E 01 -0.5716E 01 -0.7899E 01 -0.5587E 01

-0.2204E 02 -0.1213E 01 -0.1702E 02 0.3427E 01 -0.4428E 01 0.9169E 01 -0.1952E 01 0.4437E 01 -0.1646E 01 0.1450E 01 -0.7401E 00 0.1975E 01 0.1924E 01 0.7724E 01 0.9352E 01

-0.1056E 02 0.2771E 01 -0.5401E 01 0.4485E 01 -0.1987E 01 -0.1665E 02 -0.3394E 01 -0.7140E 01 0.1437E 01 -0.1453E 02 0.9445E 01 -0.3502E 01 0.1134E 02 -0.1015E 01 0.1651E 02 -0.2894E 01 0.8090E 01

0.2800E 01 0.5427E 01 -0.1453E 02 0.9445E 01 -0.3502E 01 0.1134E 02 -0.1015E 01 0.1651E 02 -0.2894E 01 0.8090E 01

0.1557E 02 0.3401E-00 0.7659E 01 -0.4459E 01 0.9575E-02 -0.7356E 01 -0.2337E 01 -0.5092E 01 -0.

-0.

531838* FUNCTION IN UNITS OF CM**2/SEC. AT LEVEL NO. 5

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5E	07.5E
51.5N																		
54.5N																		
57.5N																		
62.5N																		
67.5N																		
72.5N																		
77.5N																		
82.5N																		

0.1417E 10 0.1745E 04 0.2719E 04 -0.1259E 08 -0.1255E 09 -0.1894E 09

0.4501E 09 -0.2891E 09 -0.1437E 09 -0.2467E 04 -0.5195E 06 -0.6337E 08 0.4605E 08

-0.2719E 09 -0.5116E 08 -0.2250E 09 -0.1436E 09 -0.5503E 08 0.5179E 08 -0.1319E 08 0.4828E 08 0.1259E 09 0.8115E 08

0.1162E 04 0.1551E 08 -0.1327E 09 -0.1851E 09 -0.1436E 09 0.2735E 08 0.1259E 09 0.4711E 08 0.1405E 09 0.2044E 04 0.1402E 09 0.1777E 09 0.7900E 08

-0.1639E 09 0.5385E 09 -0.4407E 08 0.1278E 09 0.2735E 08 0.3409E 09 -0.2749E 08 0.1506E 09 0.4222E 08 0.2882E 09 0.4078E 08 0.1650E 09 0.5637E 08 0.1147E 09

-0.1162E 10 0.1544E 09 -0.5744E 04 0.5207E 09 -0.2388E 09 0.3409E 09 0.4078E 09 -0.2075E 09 -0.2075E 09 0.2510E 09 -0.4519E 09 0.2344E 09 -0.3467E 09 0.1327E 09 -0.4161E 09

-0.2163E 10 0.4415E 09 -0.1507E 10 0.4466E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09

-0.2781E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09

-0.4423E 09 0.5179E 09 -0.2220E 09 0.5762E 09 -0.5560E 08 0.5918E 09 0.1019E 09 0.5679E 09 0.1609E 09 0.5049E 09 0.1776E 09 0.6079E 09 0.1895E 09 0.5629E 09

0.6079E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09 0.4078E 09

0.1162E 10 -0.2139E 07 0.7422E 09 -0.3368E 09 0.2413E 09 -0.5603E 09 0.8471E 08 -0.5944E 09 -0.1368E 09 -0.3432E 09

0.7979E 09 -0.5619E 09 0.2640E 09 -0.7234E 09 0.5271E 08 -0.4740E 09 0.6024E 08 -0.6274E 09 -0.1030E 07 -0.5584E 09 0.3151E 08 -0.4478E 09

[illegible]

SINCAP FUNCTION IN UNITS OF CP-***2/SEC. AT LEVEL NO. 6

	02.5N	07.5	12.5	17.5	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5	67.5	72.5	77.5	82.5N	
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.1044E 10 -0.4722E 08 0.1503E 09 -0.1252E 09 -0.1594E 09 -0.1574E 09

0.2561E 09 -0.5148E 09 -0.1414E 09 -0.2522E 09 -0.5891E 08 -0.4613E 08 0.4271E 08

-0.2773E 09 -0.2781E 08 -0.1884E 09 -0.1018E 08 -0.4429E 08 0.4027E 08 0.1463E 08 -0.1452E 08 -0.1452E 08

0.1927E 08 -0.2822E 08 -0.1183E 09 -0.1250E 09 -0.5910E 08 -0.2310E 08 0.4629E 08 -0.2752E 08 0.5894E 08 0.5813E 08 0.4084E 08

-0.2027E 08 0.4034E 09 -0.2704E 08 0.1812E 09 0.2125E 08 0.1135E 09 0.5408E 08 0.1190E 09 0.7194E 08 0.4210E 09 0.4593E 08 0.6027E 08 0.2103E 08

-0.7306E 09 0.4630E 09 -0.4249E 09 0.5589E 09 -0.8641E 09 0.2775E 09 -0.4653E 09 0.1866E 09 -0.2022E 21 0.4843E 08 0.2407E 08 0.6545E 08

-0.4877E 10 0.4044E 09 -0.1024E 10 0.4271E 09 -0.8641E 09 0.2355E 09 -0.6186E 09 0.1761E 09 -0.5104E 09 0.1554E 09 -0.4433E 09 0.5942E 08 -0.4455E 09

-0.2143E 09 0.1354E 09 0.4034E 09 -0.8024E 09 -0.5524E 09 0.7824E 09 -0.1793E 08 0.7182E 09 0.2103E 08 0.4360E 09 0.7762E 09 0.5551E 09 0.4034E 08 0.5214E 09

-0.1360E 09 0.4884E 09 -0.1372E 09 0.5025E 09 -0.7452E 09 0.4704E 09 0.1666E 07 0.4291E 09 0.5527E 08 0.1695E 09 0.4336E 09 0.1244E 08 0.4195E 09

0.5401E 09 0.2444E 09 0.2141E 09 0.6164E 08 0.2664E 08 -0.4891E 08 -0.5094E 08 -0.4212E 08 -0.5024E 07 -0.1741E 08 0.1205E 08 -0.3261E 08 0.4458E 07 -0.1668E 08

0.4505E 09 -0.2271E 09 0.5544E 09 -0.5044E 09 0.1166E 09 -0.5468E 09 -0.7951E 08 -0.5093E 08 -0.7264E 08 -0.1551E 09

0.1370E 09 -0.6883E 09 0.1324E 09 -0.6744E 09 0.7704E 08 -0.5524E 08 0.4613E 08 -0.5179E 09 0.1370E 08 -0.5013E 09 0.2967E 08 -0.5386E 09

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[illegible]

SPEED FUNCTION IN UNITS OF CM**2/SEC. AT LEVEL NO. 7

82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
57.5N																	
52.5N																	
47.5N																	
42.5N																	
37.5N																	
32.5N																	
27.5N																	
22.5N																	
17.5N																	
12.5N																	
07.5N																	
02.5N																	

0.7888E CV -0.1815E CV 0.6531E DE -0.1624E DV -0.8988E DB -0.1280E DP

0.1309E DV -0.3258E DV -0.1168E DV -0.1945E CV -0.1271E DE -0.4646E DE 0.4525E DB

-0.1700E DV -0.9821E DT -0.1517E DV 0.1555E DB -0.4490E DB 0.7145E DB -0.3794E DT 0.2771E DB -0.2794E DB -0.2794E DB -0.2887E DB

0.1522E DB -0.3473E DB -0.9792E DB -0.4006E DB -0.2227E DT 0.3462E DB -0.2058E DB 0.4421E DB 0.2329E DB 0.5119E DB 0.7629E DT

0.7641E DB 0.2373E DV -0.1075E DV 0.2723E DB 0.1678E DV 0.1678E DV 0.5907E DB 0.8062E DB 0.2846E DB 0.4421E DB -0.1694E DT

-0.4515E CV 0.4417E DV -0.1508E DV 0.5421E DV -0.2047E DV 0.2494E DV -0.8653E DB 0.2142E DV -0.4445E DB 0.1426E DV -0.4571E DB 0.6499E DB -0.1741E DT 0.2668E DB

-0.1014E DT 0.5878E CV -0.8755E CV 0.4711E DV -0.7551E DV 0.3186E DV -0.6754E DV 0.2077E DV -0.5956E DV 0.1511E DV -0.5131E DV 0.1027E CV -0.8707E CV 0.5155E DB -0.4441E DV

0.1101E DV 0.7022E DV -0.6755E DE 0.8966E DV -0.4427E DB 0.6752E DV -0.4120E DB 0.6538E DV -0.2466E DT 0.5783E DV 0.4251E DB 0.5275E CV 0.4588E DB 0.4751E CV

0.1408E DB 0.3674E CV -0.6296E DB 0.4055E CV -0.7529E DB 0.5944E DV -0.1625E DB 0.3779E DV 0.9455E DB 0.1638E DV 0.4671E DB 0.4074E CV 0.7219E DB 0.3656E DV

0.4553E CV 0.4555E DB 0.1191E DV -0.5988E DB -0.4458E DV -0.1554E DV -0.9249E DB -0.7935E DB -0.2479E DB -0.3444E DB -0.2510E DT -0.3661E DB -0.6619E DT -0.6458E CV

0.5002E DV -0.5869E DV 0.1577E DV -0.5138E DV 0.4586E DB -0.5493E DV -0.4571E DB -0.4586E CV -0.3028E DB -0.3766E DV

0.4928E DB -0.6045E DV 0.4580E DB -0.5869E DV 0.4444E DB -0.5166E DV 0.6474E DB -0.5171E DV 0.2127E DB -0.4539E DV 0.2072E DB -0.4174E DV

[illegible]

*REYNOLDS VELOCITY IN CM./SEC. AT LEVEL NO.

37.5%	0.565E 01	0.222E 01	-0.274E 01	-0.122E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
32.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
27.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
22.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
17.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
12.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
7.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
2.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
0.5%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%
0.0%	0.565E 01	0.110E 22	-0.567E 01	0.420E 01	-0.374E 01	0.420E 01	-0.167E 01	-0.102E 01	0.745	02.5%	07.5%

VERTICAL VELOCITY IN CM./SEC. AT LEVEL NO. 9

	82.5m	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5m	07.5m
59.5m																		
52.5m																		
47.5m																		
42.5m																		
37.5m																		
32.5m																		
27.5m																		
22.5m																		
17.5m																		
12.5m																		
07.5m																		
02.5m																		

0.6155E 01 0.7507E 01 -0.3869E 01 0.2841E 01 -0.1655E 01 -0.6029E 00

0.4951E 01 0.4511E 00 -0.1046E 01 -0.1655E 01 -0.6975E 01 -0.4811E 00

-0.3778E 00 -0.1757E 01 -0.4069E 00 -0.1322E 01 0.1026E 00 0.4525E 00 0.4495E 01 0.4154E 00 -0.1664E 01 -0.2485E 00

0.2841E 00 0.5194E 00 -0.4450E 00 -0.7957E 00 -0.5185E 00 -0.1580E 00 0.4327E 00 -0.1588E 00 -0.2347E 00 0.2651E 00 -0.1594E 01 0.1053E 00

-0.1772E 01 0.1271E 01 -0.6841E 01 -0.3825E 00 0.7409E 00 -0.2374E 00 0.1968E 00 -0.6501E 01 0.2486E 00 0.6304E 02 0.2591E 00 0.1076E 00 0.2108E 00

-0.4552E 01 0.1677E 01 0.2418E 00 -0.1492E 01 0.4495E 00 -0.1118E 01 0.1083E 01 -0.5688E 00 0.1612E 01 -0.5228E 00 0.5972E 00 -0.7566E 00 0.1223E 00 -0.4967E 00

-0.2837E 01 0.2772E 01 0.2512E 00 -0.6895E 00 0.1782E 01 -0.1022E 01 0.1157E 01 -0.1048E 01 0.8210E 00 -0.4640E 00 0.7594E 00 -0.6475E 00 0.9281E 00 -0.4417E 00 0.6559E 00

-0.4594E 01 0.4529E 01 -0.1950E 01 0.8065E 00 -0.4533E 00 0.2202E 00 0.4871E 01 -0.9576E 01 0.4090E 00 -0.3560E 00 0.5597E 00 -0.2744E 00 0.2186E 00 -0.3864E 00

-0.1919E 01 0.1913E 01 -0.1565E 01 0.1872E 00 -0.5737E 00 -0.5578E 00 -0.1220E 01 -0.3430E 00 0.1789E 00 -0.5364E 00 -0.7714E 02 0.2472E 00 0.1382E 00 0.1107E 00

0.1240E 01 0.2154E 01 -0.7072E 01 0.1147E 01 0.2322E 00 -0.2387E 00 -0.1050E 01 -0.3389E 00 -0.3480E 00 0.1621E 02 0.1788E 01 0.4584E 01 0.1289E 00 -0.6747E 01

0.4578E 01 0.2828E 00 0.1526E 00 -0.7483E 02 0.1621E 00 0.1358E 00 -0.7075E 00 0.1380E 00 -0.7075E 00 0.1380E 00 -0.7075E 00 0.1380E 00 -0.7075E 00 0.1380E 00

0.4250E 01 -0.2759E 01 0.8430E 00 -0.6558E 00 0.1155E 01 0.4469E 01 0.7027E 00 0.1285E 00 -0.4694E 00 0.2772E 00 -0.1442E 00 -0.5554E 00

STRAP FUNCTION IN UNITS OF CM-SEC/SEC, AT LEVEL NO. 10

	67.5	72.5	77.5	82.5N	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	247.5	252.5	257.5	262.5	267.5	272.5	277.5	282.5	287.5	292.5	297.5	302.5	307.5	312.5	317.5	322.5	327.5	332.5	337.5	342.5	347.5	352.5	357.5	362.5	367.5	372.5	377.5	382.5	387.5	392.5	397.5	402.5	407.5	412.5	417.5	422.5	427.5	432.5	437.5	442.5	447.5	452.5	457.5	462.5	467.5	472.5	477.5	482.5	487.5	492.5	497.5	502.5	507.5	512.5	517.5	522.5	527.5	532.5	537.5	542.5	547.5	552.5	557.5	562.5	567.5	572.5	577.5	582.5	587.5	592.5	597.5	602.5	607.5	612.5	617.5	622.5	627.5	632.5	637.5	642.5	647.5	652.5	657.5	662.5	667.5	672.5	677.5	682.5	687.5	692.5	697.5	702.5	707.5	712.5	717.5	722.5	727.5	732.5	737.5	742.5	747.5	752.5	757.5	762.5	767.5	772.5	777.5	782.5	787.5	792.5	797.5	802.5	807.5	812.5	817.5	822.5	827.5	832.5	837.5	842.5	847.5	852.5	857.5	862.5	867.5	872.5	877.5	882.5	887.5	892.5	897.5	902.5	907.5	912.5	917.5	922.5	927.5	932.5	937.5	942.5	947.5	952.5	957.5	962.5	967.5	972.5	977.5	982.5	987.5	992.5	997.5	1002.5	1007.5	1012.5	1017.5	1022.5	1027.5	1032.5	1037.5	1042.5	1047.5	1052.5	1057.5	1062.5	1067.5	1072.5	1077.5	1082.5	1087.5	1092.5	1097.5	1102.5	1107.5	1112.5	1117.5	1122.5	1127.5	1132.5	1137.5	1142.5	1147.5	1152.5	1157.5	1162.5	1167.5	1172.5	1177.5	1182.5	1187.5	1192.5	1197.5	1202.5	1207.5	1212.5	1217.5	1222.5	1227.5	1232.5	1237.5	1242.5	1247.5	1252.5	1257.5	1262.5	1267.5	1272.5	1277.5	1282.5	1287.5	1292.5	1297.5	1302.5	1307.5	1312.5	1317.5	1322.5	1327.5	1332.5	1337.5	1342.5	1347.5	1352.5	1357.5	1362.5	1367.5	1372.5	1377.5	1382.5	1387.5	1392.5	1397.5	1402.5	1407.5	1412.5	1417.5	1422.5	1427.5	1432.5	1437.5	1442.5	1447.5	1452.5	1457.5	1462.5	1467.5	1472.5	1477.5	1482.5	1487.5	1492.5	1497.5	1502.5	1507.5	1512.5	1517.5	1522.5	1527.5	1532.5	1537.5	1542.5	1547.5	1552.5	1557.5	1562.5	1567.5	1572.5	1577.5	1582.5	1587.5	1592.5	1597.5	1602.5	1607.5	1612.5	1617.5	1622.5	1627.5	1632.5	1637.5	1642.5	1647.5	1652.5	1657.5	1662.5	1667.5	1672.5	1677.5	1682.5	1687.5	1692.5	1697.5	1702.5	1707.5	1712.5	1717.5	1722.5	1727.5	1732.5	1737.5	1742.5	1747.5	1752.5	1757.5	1762.5	1767.5	1772.5	1777.5	1782.5	1787.5	1792.5	1797.5	1802.5	1807.5	1812.5	1817.5	1822.5	1827.5	1832.5	1837.5	1842.5	1847.5	1852.5	1857.5	1862.5	1867.5	1872.5	1877.5	1882.5	1887.5	1892.5	1897.5	1902.5	1907.5	1912.5	1917.5	1922.5	1927.5	1932.5	1937.5	1942.5	1947.5	1952.5	1957.5	1962.5	1967.5	1972.5	1977.5	1982.5	1987.5	1992.5	1997.5	2002.5	2007.5	2012.5	2017.5	2022.5	2027.5	2032.5	2037.5	2042.5	2047.5	2052.5	2057.5	2062.5	2067.5	2072.5	2077.5	2082.5	2087.5	2092.5	2097.5	2102.5	2107.5	2112.5	2117.5	2122.5	2127.5	2132.5	2137.5	2142.5	2147.5	2152.5	2157.5	2162.5	2167.5	2172.5	2177.5	2182.5	2187.5	2192.5	2197.5	2202.5	2207.5	2212.5	2217.5	2222.5	2227.5	2232.5	2237.5	2242.5	2247.5	2252.5	2257.5	2262.5	2267.5	2272.5	2277.5	2282.5	2287.5	2292.5	2297.5	2302.5	2307.5	2312.5	2317.5	2322.5	2327.5	2332.5	2337.5	2342.5	2347.5	2352.5	2357.5	2362.5	2367.5	2372.5	2377.5	2382.5	2387.5	2392.5	2397.5	2402.5	2407.5	2412.5	2417.5	2422.5	2427.5	2432.5	2437.5	2442.5	2447.5	2452.5	2457.5	2462.5	2467.5	2472.5	2477.5	2482.5	2487.5	2492.5	2497.5	2502.5	2507.5	2512.5	2517.5	2522.5	2527.5	2532.5	2537.5	2542.5	2547.5	2552.5	2557.5	2562.5	2567.5	2572.5	2577.5	2582.5	2587.5	2592.5	2597.5	2602.5	2607.5	2612.5	2617.5	2622.5	2627.5	2632.5	2637.5	2642.5	2647.5	2652.5	2657.5	2662.5	2667.5	2672.5	2677.5	2682.5	2687.5	2692.5	2697.5	2702.5	2707.5	2712.5	2717.5	2722.5	2727.5	2732.5	2737.5	2742.5	2747.5	2752.5	2757.5	2762.5	2767.5	2772.5	2777.5	2782.5	2787.5	2792.5	2797.5	2802.5	2807.5	2812.5	2817.5	2822.5	2827.5	2832.5	2837.5	2842.5	2847.5	2852.5	2857.5	2862.5	2867.5	2872.5	2877.5	2882.5	2887.5	2892.5	2897.5	2902.5	2907.5	2912.5	2917.5	2922.5	2927.5	2932.5	2937.5	2942.5	2947.5	2952.5	2957.5	2962.5	2967.5	2972.5	2977.5	2982.5	2987.5	2992.5	2997.5	3002.5	3007.5	3012.5	3017.5	3022.5	3027.5	3032.5	3037.5	3042.5	3047.5	3052.5	3057.5	3062.5	3067.5	3072.5	3077.5	3082.5	3087.5	3092.5	3097.5	3102.5	3107.5	3112.5	3117.5	3122.5	3127.5	3132.5	3137.5	3142.5	3147.5	3152.5	3157.5	3162.5	3167.5	3172.5	3177.5	3182.5	3187.5	3192.5	3197.5	3202.5	3207.5	3212.5	3217.5	3222.5	3227.5	3232.5	3237.5	3242.5	3247.5	3252.5	3257.5	3262.5	3267.5	3272.5	3277.5	3282.5	3287.5	3292.5	3297.5	3302.5	3307.5	3312.5	3317.5	3322.5	3327.5	3332.5	3337.5	3342.5	3347.5	3352.5	3357.5	3362.5	3367.5	3372.5	3377.5	3382.5	3387.5	3392.5	3397.5	3402.5	3407.5	3412.5	3417.5	3422.5	3427.5	3432.5	3437.5	3442.5	3447.5	3452.5	3457.5	3462.5	3467.5	3472.5	3477.5	3482.5	3487.5	3492.5	3497.5	3502.5	3507.5	3512.5	3517.5	3522.5	3527.5	3532.5	3537.5	3542.5	3547.5	3552.5	3557.5	3562.5	3567.5	3572.5	3577.5	3582.5	3587.5	3592.5	3597.5	3602.5	3607.5	3612.5	3617.5	3622.5	3627.5	3632.5	3637.5	3642.5	3647.5	3652.5	3657.5	3662.5	3667.5	3672.5	3677.5	3682.5	3687.5	3692.5	3697.5	3702.5	3707.5	3712.5	3717.5	3722.5	3727.5	3732.5	3737.5	3742.5	3747.5	3752.5	3757.5	3762.5	3767.5	3772.5	3777.5	3782.5	3787.5	3792.5	3797.5	3802.5	3807.5	3812.5	3817.5	3822.5	3827.5	3832.5	3837.5	3842.5	3847.5	3852.5	3857.5	3862.5	3867.5	3872.5	3877.5	3882.5	3887.5	3892.5	3897.5	3902.5	3907.5	3912.5	3917.5	3922.5	3927.5	3932.5	3937.5	3942.5	3947.5	3952.5	3957.5	3962.5	3967.5	3972.5	3977.5	3982.5	3987.5	3992.5	3997.5	4002.5	4007.5	4012.5	4017.5	4022.5	4027.5	4032.5	4037.5	4042.5	4047.5	4052.5	4057.5	4062.5	4067.5	4072.5	4077.5	4082.5	4087.5	4092.5	4097.5	4102.5	4107.5	4112.5	4117.5	4122.5	4127.5	4132.5	4137.5	4142.5	4147.5	4152.5	4157.5	4162.5	4167.5	4172.5	4177.5	4182.5	4187.5	4192.5	4197.5	4202.5	4207.5	4212.5	4217.5	4222.5	4227.5	4232.5	4237.5	4242.5	4247.5	4252.5	4257.5	4262.5	4267.5	4272.5	4277.5	4282.5	4287.5	4292.5	4297.5	4302.5	4307.5	4312.5	4317.5	4322.5	4327.5	4332.5	4337.5	4342.5	4347.5	4352.5	4357.5	4362.5	4367.5	4372.5	4377.5	4382.5	4387.5	4392.5	4397.5	4402.5	4407.5	4412.5	4417.5	4422.5	4427.5	4432.5	4437.5	4442.5	4447.5	4452.5	4457.5	4462.5	4467.5	4472.5	4477.5	4482.5	4487.5	4492.5	4497.5	4502.5	4507.5	4512.5	4517.5	4522.5	4527.5	4532.5	4537.5	4542.5	4547.5	4552.5	4557.5	4562.5	4567.5	4572.5	4577.5	4582.5	4587.5	4592.5	4597.5	4602.5	4607.5	4612.5	4617.5	4622.5	4627.5	4632.5	4637.5	4642.5	4647.5	4652.5	4657.5	4662.5	4667.5	4672.5	4677.5	4682.5	4687.5	4692.5	4697.5	4702.5	4707.5	4712.5	4717.5	4722.5	4727.5	4732.5	4737.5	4742.5	4747.5	4752.5	4757.5	4762.5	4767.5	4772.5	4777.5	4782.5	4787.5	4792.5	4797.5	4802.5	4807.5	4812.5	4817.5	4822.5	4827.5	4832.5	4837.5	4842.5	4847.5	4852.5	4857.5	4862.5	4867.5	4872.5	4877.5	4882.5	4887.5	4892.5	4897.5	4902.5	4907.5	4912.5	4917.5	4922.5	4927.5	4932.5	4937.5	4942.5	4947.5	4952.5	4957.5	4962.5	4967.5	4972.5	4977.5	4982.5	4987.5	4992.5	4997.5	5002.5	5007.5	5012.5	5017.5	5022.5	5027.5	5032.5	5037.5	5042.5	5047.5	5052.5	5057.5	5062.5	5067.5	5072.5	5077.5	5082.5	5087.5	5092.5	5097.5	5102.5	5107.5	5112.5	5117.5	5122.5	5127.5	5132.5	5137.5	5142.5	5147.5	5152.5	5157.5	5162.5	5167.5	5172.5	5177.5	5182.5	5187.5	5192.5	5197.5	5202.5	5207.5	5212.5	5217.5	5222.5	5227.5	5232.5	5237.5	5242.5	5247.5	5252.5	5257.5	5262.5	5267.5	5272.5	5277.5	5282.5	5287.5	5292.5	5297.5	5302.5	5307.5	5312.5	5317.5	5322.5	5327.5	5332.5	5337.5	5342.5	5347.5	5352.5	5357.5	5362.5	5367.5	5372.5	5377.5	5382.5	5387.5	5392.5	5397.5	5402.5	5407.5	5412.5	5417.5	5422.5	5427.5	5432.5	5437.5	5442.5	5447.5	5452.5	5457.5	5462.5	5467.5	5472.5	5477.5	5482.5	5487.5	5492.5	5497.5	5502.5	5507.5	5512.5	5517.5	5522.5	5527.5	5532.5	5537.5	5542.5	5547.5	5552.5	5557.5	5562.5	5567.5	5572.5	5577.5	5582.5	5587.5	5592.5	5597.5	5602.5	5607.5	5612.5	5617.5	5622.5	5627.5	5632.5	5637.5	5642.5	5647.5	5652.5	5657.5	5662.5	5667.5	5672.5	5677.5	5682.5	5687.5	5692.5	5697.5	5702.5	5707.5	5712.5	5717.5	5722.5	5727.5	5732.5	5737.
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[illegible]

SINUS FUNCTION IN UNITS OF CM**2/SEC. AT LEVEL NO. 11

82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5E	07.5E
57.5N																	
52.5N																	
47.5N																	
42.5N																	
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0.1667E 09 -0.2347E 09 0.5005E 08 -0.1212E 09 -0.1504E 08 -0.5004E 08

-0.4203E 08 -0.1552E 09 0.3594E 07 -0.5457E 06 0.5510E 08 -0.5510E 07 0.5036E 08

-0.5325E 08 0.1851E 08 -0.5011E 08 0.5177E 08 -0.1124E 08 0.2167E 08 -0.2717E 07 0.1634E 07 -0.5195E 08 -0.1077E 08 -0.2864E 08

-0.5266E 08 0.4857E 08 -0.2432E 08 -0.4574E 07 0.5184E 07 -0.2415E 07 -0.1666E 06 -0.1427E 06 0.4275E 07 -0.1714E 08

0.4825E 08 0.4857E 08 0.1494E 09 -0.1517E 09 0.1497E 09 -0.5399E 09 0.1095E 09 -0.4408E 09 0.1650E 08 -0.4401E 08 0.4275E 07 -0.1714E 08

-0.4151E 08 0.1579E 09 -0.1465E 09 0.1494E 09 -0.5397E 09 0.1497E 09 -0.5399E 09 0.1095E 09 -0.4408E 09 0.1650E 08 -0.4401E 08 0.4275E 07 -0.1714E 08

0.1494E 09 0.1579E 09 0.1465E 09 0.1494E 09 -0.5397E 09 0.1497E 09 -0.5399E 09 0.1095E 09 -0.4408E 09 0.1650E 08 -0.4401E 08 0.4275E 07 -0.1714E 08

0.1494E 09 0.1579E 09 0.1465E 09 0.1494E 09 -0.5397E 09 0.1497E 09 -0.5399E 09 0.1095E 09 -0.4408E 09 0.1650E 08 -0.4401E 08 0.4275E 07 -0.1714E 08

0.1494E 09 0.1579E 09 0.1465E 09 0.1494E 09 -0.5397E 09 0.1497E 09 -0.5399E 09 0.1095E 09 -0.4408E 09 0.1650E 08 -0.4401E 08 0.4275E 07 -0.1714E 08

0.1494E 09 0.1579E 09 0.1465E 09 0.1494E 09 -0.5397E 09 0.1497E 09 -0.5399E 09 0.1095E 09 -0.4408E 09 0.1650E 08 -0.4401E 08 0.4275E 07 -0.1714E 08

-0.4152E 08 -0.2353E 09 -0.1191E 08 -0.4422E 08 0.1529E 08 -0.4422E 08 0.2353E 09 -0.1191E 08 -0.4422E 08 0.1529E 08 -0.4422E 08 0.2353E 09 -0.1191E 08

-0.2411E 09 -0.1712E 09 -0.4345E 08 -0.2524E 09 -0.2275E 08 -0.2401E 08 -0.1427E 08 -0.3114E 09 -0.1500E 07 -0.5024E 08 -0.3052E 09

ZIGZAG VELOCITY IN CM/SEC. AT LEVEL NO.

11

	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5	07.5E	02.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

-0.5692E-01 0.4695E-00 -0.2707E-00 0.6856E-01 -0.6514E-00 -0.1610E-01

0.5976E-00 -0.6371E-00 0.2345E-01 -0.4197E-01 0.9481E-00 -0.1472E-01 0.2075E-00

0.2040E-01 0.2022E-01 -0.4958E-00 -0.1119E-01 -0.2178E-01 -0.3101E-00 0.7768E-00 0.1113E-00 0.7523E-00 0.8705E-01 -0.1

-0.6552E-00 0.4475E-00 -0.1055E-01 -0.4242E-00 -0.1906E-00 0.7768E-00 0.1113E-00 0.7523E-00 0.8705E-01 -0.1

-0.2629E-01 0.2111E-01 -0.3539E-01 0.6441E-01 0.1727E-01 -0.4070E-00 0.5897E-01 -0.2972E-00 0.5431E-01 -0.4416E-01 0.5027E-01 0.2014E-00 0.5897E-01 0.4408E-01

-0.1467E-01 0.7111E-01 -0.5685E-01 0.1727E-01 -0.5340E-01 0.1604E-01 -0.5554E-01 0.1901E-01 -0.5187E-01 0.1626E-01 -0.4071E-01 0.5897E-01 -0.4408E-01 0.4408E-01

-0.4833E-01 -0.2823E-01 0.1554E-00 -0.5685E-01 0.1727E-01 -0.4070E-00 0.5897E-01 -0.2972E-00 0.5431E-01 -0.4416E-01 0.5027E-01 0.2014E-00 0.5897E-01 0.4408E-01

-0.4550E-01 0.7257E-01 0.1701E-00 -0.7470E-01 -0.6952E-01 -0.1455E-01 -0.6418E-01 -0.1901E-01 -0.5187E-01 0.1626E-01 -0.4071E-01 0.5897E-01 -0.4408E-01 0.4408E-01

0.2738E-01 0.1057E-01 0.2402E-01 0.4833E-01 0.1727E-01 -0.4070E-00 0.5897E-01 -0.2972E-00 0.5431E-01 -0.4416E-01 0.5027E-01 0.2014E-00 0.5897E-01 0.4408E-01

0.9608E-00 0.6277E-00 0.7697E-00 0.1666E-01 0.5574E-00 0.5594E-01 0.3397E-01 0.2527E-01 0.1550E-01 0.2267E-01 0.4059E-01 0.2165E-01

-0.1467E-01 0.6761E-01 0.1981E-01 0.2167E-01 0.2167E-01 0.1006E-01 -0.4071E-01 0.5897E-01 -0.4408E-01 0.4408E-01

-0.4520E-00 -0.3086E-01 -0.2854E-00 -0.2111E-01 -0.2972E-01 -0.3664E-01 0.1975E-01 -0.2811E-01 -0.1

WINDSPEED VELOCITY IN CM/SEC. AT LEVEL NO.

11

77.5 72.5 67.5 62.5 57.5 52.5 47.5 42.5 37.5 32.5 27.5 22.5 17.5 12.5 07.5 02.5 07.5 02.5 07.5 02.5

82.5 77.5 72.5 67.5 62.5 57.5 52.5 47.5 42.5 37.5 32.5 27.5 22.5 17.5 12.5 07.5 02.5 07.5 02.5 07.5 02.5

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

0.54/00 01 0.2065 01 -0.3194 01 0.1958 01 -0.1555 01 0.4709 01

STREAP FLUCTUATION IN UNITS OF $\phi^* \times 10^2 / \text{SEC. AT LEVEL NO. 13}$

	82.5h	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5h	07.5h
57.5h																		
52.5h																		
47.5h																		
42.5h																		
37.5h																		
32.5h																		
27.5h																		
22.5h																		
17.5h																		
12.5h																		
07.5h																		
02.5h																		

0.7105E 08 -0.1177E 09 0.5552E 08 -0.9411E 08 0.4504E 07 -0.4472E 08

-0.5840E 08 -0.7531E 08 0.2468E 08 -0.1812E 08 0.5697E 08 -0.3655E 08 0.4469E 08

-0.2469E 08 0.2022E 08 -0.2337E 08 0.4440E 08 -0.1485E 08 0.1667E 08 -0.2742E 08 0.1228E 07 -0.2568E 08 -0.4878E 07 -0.1754E 08

-0.2445E 08 -0.1430E 08 -0.1055E 08 0.2204E 07 -0.4276E 08 -0.4490E 07 -0.5521E 07 -0.1472E 08 0.2244E 07 -0.1612E 08 0.4076E 08 -0.1197E 08

0.3378E 08 0.1920E 08 -0.2713E 07 0.5857E 08 -0.2004E 08 0.2572E 08 -0.1451E 08 0.1614E 08 -0.3748E 08 0.1021E 08 -0.1234E 08 0.2457E 07 -0.1404E 08

-0.5518E 08 0.7423E 08 -0.1132E 09 0.1350E 09 -0.1164E 09 0.1243E 09 -0.1002E 09 0.4754E 08 -0.2703E 08 0.7747E 08 -0.4714E 08 0.4565E 08 -0.1737E 08 0.5176E 08

-0.2895E 09 0.2187E 08 -0.2493E 09 0.4054E 08 -0.4281E 09 0.4900E 08 -0.4183E 09 0.7381E 08 -0.3071E 09 0.5266E 08 -0.5878E 09 0.2537E 08 -0.3525E 09 -0.0044E 07 -0.3382E 09

0.4007E 08 0.6077E 08 0.1898E 08 0.1174E 08 0.9979E 08 0.2366E 08 0.4674E 08 0.2644E 08 0.1491E 08 0.2771E 09 0.1345E 08 0.2604E 08 0.2350E 08 0.2750E 09

0.1234E 09 0.5372E 08 0.1225E 08 0.1177E 09 0.8972E 08 0.1620E 09 0.6191E 08 0.1707E 09 0.4678E 08 0.1738E 09 0.4189E 08 0.1654E 08 0.3135E 08 0.1658E 09

-0.4274E 07 -0.8502E 08 0.3563E 07 -0.9442E 08 -0.4776E 07 -0.7225E 08 0.2653E 08 -0.5015E 08 0.1607E 08 0.4554E 08 0.5348E 07 -0.4102E 08 -0.3266E 07 -0.3614E 08

-0.1589E 09 -0.1113E 09 -0.6321E 08 -0.1647E 09 0.4428E 08 -0.1825E 09 -0.2718E 08 -0.1044E 09 -0.1271E 08 -0.1802E 09

-0.2170E 08 -0.7477E 08 -0.1214E 09 -0.1529E 09 -0.6572E 08 -0.2023E 09 -0.4145E 08 -0.2287E 09 -0.2340E 08 -0.2370E 08 -0.2319E 09

	02.5N	07.5N	12.5N	17.5N	22.5N	27.5N	32.5N	37.5N	42.5N	47.5N	52.5N	57.5N	62.5N	67.5N	72.5N	77.5N	82.5N	87.5N	92.5N	97.5N
57.5N																				
52.5N																				
47.5N																				
42.5N																				
37.5N																				
32.5N																				
27.5N																				
22.5N																				
17.5N																				
12.5N																				
07.5N																				
02.5N																				

-0.4764E-00 0.2924E-00 -0.7247E 00 0.5964E-02 -0.5701E 00 -0.7517E-02

0.2737E-00 -0.5403E 00 0.1619E 01 -0.2350E 01 0.9470E 00 -0.1142E 01 0.3418E-00

0.2737E-00 -0.4286E-00 -0.4079E 00 0.4076E-00 0.3442E-01 0.7731E 00 0.1455E-02 0.6572E 00 0.4707E-01 -0.

-0.5334E-01 0.4971E-01 -0.4286E-00 0.9763E-01 0.3121E-02 0.3402E-01 -0.1602E-01 -0.1476E-00

-0.3946E-00 0.2158E-00 -0.6580E 00 0.1377E-00 -0.2105E-00 0.9763E-01 0.3121E-02 0.3402E-01 -0.1602E-01 -0.1476E-00

-0.1499E 01 0.1155E 01 -0.2454E 01 0.1430E 01 -0.2054E 01 0.1272E 01 -0.1776E 01 0.6716E 00 -0.1635E 01 0.7601E-00 -0.1230E 01

-0.1440E 00 0.1530E 01 -0.5534E 00 0.5275E 01 -0.2518E-00 0.4455E 01 0.9667E-02 0.4313E 01 0.2316E-00 0.4191E 01 0.3405E 00 0.3896E 01

-0.3163E 01 -0.1154E 01 -0.1210E 01 0.5609E 00 -0.4050E 01 0.1053E 01 -0.4157E 01 0.1027E 01 -0.4401E 01 0.2541E 00 -0.3650E 01 0.5689E 00 -0.5131E 01 0.6406E 00

-0.4717E 01 -0.4817E-00 -0.6253E 01 -0.2943E-00 -0.6427E 01 -0.7949E 00 -0.5897E 01 -0.1407E 01 -0.5071E 01 -0.1727E 01 -0.4709E 01 -0.2211E 01

0.5403E 01 0.1747E 01 0.2819E 01 0.5127E 01 0.1945E 01 0.3338E 01 0.6580E 00 0.3560E 01 0.3717E-00 0.3157E 01 0.4694E-00 0.3776E 01 0.3776E 01

0.1015E 01 0.5403E 00 0.1165E 01 0.1145E 01 0.9269E 00 0.3299E 01 0.2242E 01 0.2756E 01 0.2079E 01 0.2444E 01 0.1740E 01 0.2751E 01 0.1647E 01

-0.1110E 01 0.2484E-00 0.1740E 01 0.1150E 01 0.6576E 00 0.1634E 01 0.4215E-01 0.2541E 01 -0.1851E-00 0.2708E 01

-0.1952E 00 -0.2602E 01 -0.5260E 00 -0.2188E 01 -0.2011E-00 -0.2240E 01 -0.1840E 01 -0.2162E 01 -0.

-0.

07:56

-0.1908E 09 -0.14826E 08 -0.1415E 09 -0.11551 09 -0.7941E 0E -0.1619E 09 -0.5922E 08 -0.1804E 09 -0.2812E 08 -0.2014E 09 -0.2553E 08 -0.2023E 09

ZERIAL VELOCITY IN CM/SEC. AT LEVEL 02.

IN

	67.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5M	07.5E
57.5M																		
52.5M																		
47.5M																		
42.5M																		
37.5M																		
32.5M																		
27.5M																		
22.5M																		
17.5M																		
12.5M																		
07.5M																		
02.5M																		

-0.4377E-00 0.1172E-00 -0.4725E-00 -0.4657E-00 -0.5307E-00 -0.4545E-00

0.1650E-00 -0.4557E-00 0.4594E-00 0.4577E-00 -0.1204E-00 0.4637E-00 0.4637E-00

-0.5563E-01 0.4070E-01 -0.3155E-00 -0.4544E-00 0.1613E-00 0.1900E-00 -0.1516E-00

-0.1127E-01 0.7494E-00 -0.1455E-01 0.4734E-01 -0.1736E-01 0.1604E-01 0.1604E-01

0.4734E-00 0.4677E-01 -0.1736E-01 0.4577E-01 0.4577E-01 0.4577E-01 0.4577E-01

-0.2816E-01 -0.7494E-00 -0.1455E-01 0.1604E-01 0.1604E-01 0.1604E-01 0.1604E-01

-0.4468E-01 -0.7494E-00 -0.1455E-01 0.1604E-01 0.1604E-01 0.1604E-01 0.1604E-01

0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01

0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01

0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01

0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01 0.4677E-01

-0.4257E-00 0.2171E-00 0.1521E-01 0.4902E-00 0.7494E-00 0.1604E-01 0.1604E-01

-0.8442E-00 -0.1586E-01 -0.5849E-00 -0.1734E-01 -0.2657E-00 -0.1877E-01 -0.1547E-00

-0.1633E-01

SINUS PLACID IN UNITS OF C-42/SEC. AT LEVEL NO. 15

	82.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5M	07.5M
57.5M																		
52.5M																		
47.5M																		
42.5M																		
37.5M																		
32.5M																		
27.5M																		
22.5M																		
17.5M																		
12.5M																		
07.5M																		
02.5M																		

0.1617E DB -0.1155E CV 0.46432E OF -0.7154E CB 0.1382E DB -0.5771E DB

-0.2236E DB -0.2522E DB 0.2570E DB -0.8444E CB 0.4796E CB 0.7941E CB 0.3764E DB

-0.9342E OF 0.1679E DB -0.1050E DB 0.3027E DB -0.1762E CB 0.3154E CB -0.2554E DB 0.1373E CB -0.2204E DB -0.1455E DB -0.1402E DB

-0.2151E CB -0.2744E OF -0.6010E OF 0.2396E OF -0.5107E OF -0.5265E OF -0.7556E OF -0.1364E CB -0.4044E OF 0.7857E CB -0.9419E OF 0.2154E CB -0.1044E DB

0.2297E DB 0.7264E CB 0.2726E OF 0.1961E DB -0.1452E DB 0.1824E DB -0.1122E DB 0.1364E CB -0.4044E OF 0.7857E CB -0.9419E OF 0.2154E CB -0.1044E DB

-0.1244E DB 0.5612E DB -0.4655E DB 0.4757E DB -0.4195E DB 0.4555E DB -0.7470E DB 0.8222E DB -0.5771E DB 0.7154E DB -0.4444E CB 0.6244E CB -0.1324E CB 0.5144E DB

-0.2340E DB -0.2812E CB 0.2461E CB -0.5377E OF 0.4577E DB -0.5552E OF 0.4595E DB -0.5227E OF 0.3050E DB -0.2107E OF 0.1044E CB -0.4072E CB -0.1272E CB -0.2854E DB

0.2207E DB 0.3555E CB 0.1455E DB 0.1452E OF 0.6614E DB 0.1415E OF 0.3444E DB 0.2162E DB 0.2162E CB 0.2411E CB 0.2162E CB

0.1162E DB 0.4444E CB 0.1195E DB 0.7213E DB 0.4596E DB 0.4912E DB 0.6190E DB 0.6190E DB 0.1110E OF 0.4552E DB 0.1154E CB 0.2552E DB 0.1154E CB

-0.2796E DB -0.4965E DB -0.6542E OF -0.4444E DB 0.1392E OF -0.5103E DB 0.2272E DB -0.5121E DB 0.1451E DB -0.1175E DB 0.5734E OF -0.4444E CB -0.1072E OF -0.3814E CB

-0.1355E DB -0.4667E DB -0.4805E DB -0.1012E OF -0.5103E DB -0.1144E DB -0.4244E CB -0.1244E CB -0.1444E CB -0.1272E DB

-0.1759E DB -0.3163E DB -0.1329E DB -0.4667E DB -0.4871E CB -0.1304E DB -0.1304E DB -0.1705E DB -0.1705E DB -0.1705E DB -0.1705E DB

ZENAL VELOCITY IN CM/SEC. AT LEVEL NO.

15

02.5M

02.5M

02.5M

02.5

12.5

17.5

22.5

27.5

32.5

37.5

42.5

47.5

52.5

57.5

62.5

67.5

72.5

77.5

82.5M

57.5M

52.5M

47.5M

42.5M

37.5M

32.5M

27.5M

22.5M

17.5M

12.5M

07.5M

02.5M

-0.4553E-00 0.2457E-01 -0.6108E-00 -0.7156E-02 -0.4081E-00 -0.2392E-02

0.1181E-00 -0.3617E-00 0.3441E-00 -0.1502E-01 0.8200E-00 -0.5594E-00 0.3554E-00

-0.5053E-01 0.4960E-01 -0.2219E-00 0.1914E-00 0.5153E-00 0.1818E-00 0.6289E-00 0.3115E-00 0.3477E-00 0.5596E-01 -0.

-0.1720E-00 0.4605E-01 -0.5181E-00 0.2000E-00 -0.1295E-00 0.1554E-00 0.1586E-00 -0.5206E-01 -0.2912E-01 -0.1477E-00 -0.2810E-01 -0.1077E-00

-0.8755E-00 0.5055E-00 -0.1585E-01 0.4690E-00 -0.1982E-01 0.8749E-00 -0.1518E-01 0.5154E-00 -0.1472E-01 0.4056E-00 -0.1314E-01 0.1487E-00 -0.3144E-01

0.5103E-00 0.4079E-01 -0.6444E-01 0.4215E-01 -0.8607E-01 0.5944E-01 -0.2852E-01 0.3000E-01 0.1697E-00 0.5619E-01 0.2867E-00 0.3544E-01 0.3564E-01

-0.2475E-01 -0.4401E-00 -0.1616E-01 -0.1743E-01 -0.1695E-00 -0.2606E-01 0.4452E-00 -0.2934E-01 0.4539E-00 -0.2797E-01 0.6454E-00 -0.2844E-01 0.5125E-00 -0.2645E-01 0.6516E-00

-0.4222E-01 -0.8775E-00 -0.5020E-01 -0.5261E-01 -0.5936E-00 -0.4871E-01 -0.7764E-00 -0.4519E-01 -0.1044E-01 -0.4250E-01 -0.1327E-01 -0.4024E-01 -0.1005E-01

0.3553E-01 0.1026E-01 0.1844E-01 0.1800E-01 0.2090E-01 0.9237E-00 0.2605E-01 0.5959E-00 0.2672E-01 0.5042E-00 0.3053E-01 0.5289E-00 0.3072E-01

0.1900E-01 0.4408E-00 0.1156E-01 0.7267E-00 0.9542E-00 0.1465E-01 0.1769E-01 0.1658E-01 0.1613E-01 0.1637E-01 0.1370E-01 0.1563E-01 0.1231E-01

-0.7610E-00 0.1798E-00 0.1324E-01 0.4058E-00 0.8596E-00 0.1046E-01 0.4444E-00 0.1515E-01 0.4424E-01 0.1655E-01

-0.8894E-00 -0.1210E-01 -0.6140E-00 -0.1100E-01 -0.3524E-00 -0.1490E-01 -0.1700E-00 -0.1304E-01 -0.

SINAPR FUNCTION IN UNIT: 2F OF ***2/SEC. AT LEVEL NO. 12

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E	02.5E
57.5N																			
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-0.154E DV -0.208E DB -0.128E DV -0.423E DB -0.401E DB -0.101E DB -0.596E DB -0.142E DV -0.145E DB

[illegible]

612-65

42.5A

17-5A

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STREAM FUNCTION IN UNITS OF $\frac{c_m \cdot \omega \cdot 2.75 \text{ SEC}}{A} \cdot \text{AT LEVEL NO. 19}$

85.5M	72.5	72.5	62.5	57.5	52.5	47.5	42.5	37.5	27.5	22.5	17.5	12.5	07.5	02.5M	07.5E
57.5M															
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-0.1627E 08 -0.4713E 07 -0.2110E 06 -0.44C 1E 08 -0.4494E 07 -0.2771E 06

0.2002E 07 0.4530E 07 0.2411E 08 0.7256E 07 0.2589E 06 0.1642E 07 0.2405E 08

-0.1149E 07 0.4004E 07 -0.4608E 07 0.7772E 07 -0.1581E 08 0.2885E 07 -0.1646E 06 0.1685E 07 -0.1234E 08 0.2707E 06 -0.9741E 07

-0.1041E 08 0.1804E 07 -0.7410E 07 -0.4611E 06 -0.8362E 07 -0.3405E 07 -0.6741E 07 -0.2614E 07 -0.2350E 07 -0.5867E 07 -0.2624E 06 -0.6607E 07

0.1140E 08 0.9375E 06 0.4422E 07 0.4740E 07 -0.3121E 07 0.9310E 07 -0.4733E 07 0.4103E 07 -0.4447E 07 0.4665E 07 -0.4447E 07 0.1702E 07 -0.5035E 07

0.5688E 07 0.8785E 07 -0.6172E 07 0.3150E 08 -0.2511E 08 0.5002E 08 -0.1057E 08 0.5416E 08 -0.2526E 08 0.5553E 08 -0.1554E 08 0.4462E 06 -0.5271E 07 0.4462E 06

-0.1821E 09 -0.4521E 08 -0.1865E 08 -0.2764E 08 -0.2052E 09 -0.4713E 07 -0.2195E 09 0.1408E 07 -0.2149E 09 -0.1481E 07 -0.2371E 09 -0.8771E 07 -0.2103E 08 -0.1024E 06 -0.2203E 09

0.1267E 08 0.1234E 08 0.1228E 08 0.2054E 08 0.1014E 09 0.4629E 08 0.7451E 08 0.7284E 08 0.5004E 08 0.4478E 08 0.3113E 08 0.1111E 09 0.2233E 06 0.1171E 09

0.7955E 08 0.1946E 08 0.7414E 08 0.2206E 07 0.6467E 08 0.4491E 08 0.3725E 08 0.3592E 08 0.4556E 08 0.4534E 08 0.4765E 08 0.4765E 08 0.4765E 08 0.4765E 08

-0.5445E 08 -0.1405E 08 -0.2094E 08 -0.6805E 07 -0.2760E 08 0.1762E 07 -0.5685E 08 0.5165E 07 -0.5121E 06 0.2879E 07 -0.1857E 06 -0.2373E 06 -0.4571E 06

-0.4093E 08 -0.1295E 08 -0.6425E 08 -0.2779E 08 -0.4764E 06 -0.3557E 08 -0.3105E 06 -0.4423E 06 -0.1746E 06 -0.4594E 08

-0.9996E 08 -0.6742E 07 -0.6458E 06 -0.1964E 06 -0.4011E 06 -0.3472E 06 -0.5854E 06 -0.5744E 08 -0.4014E 08 -0.1250E 08 -0.2101E 08 -0.7728E 08

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ZONAL VELOCITY IN CM./SEC. AT LEVEL NO. 4.

[illegible]

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81.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
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6.4622E-00 -0.4577E-00 0.1116E-00 0.2777E-00 -0.4227E-00 0.3349E-00

-0.1284E-00 -0.4001E-00 0.1014E-00 -0.5424E-00 0.1105E-00 0.1811E-00 -0.3142E-01

-0.1169E-00 0.7865E-01 -0.0411E-01 0.1420E-00 0.2402E-00 0.3416E-01 -0.5177E-01

-0.4434E-01 -0.4491E-01 0.1285E-00 -0.8551E-01 0.1360E-00 -0.4049E-01 0.1663E-01

-0.1340E-00 0.2209E-00 -0.4075E-00 0.3427E-00 -0.2812E-00 0.1151E-00 -0.4208E-01

0.1612E-00 0.2027E-01 -0.2191E-00 0.2754E-00 -0.2765E-00 0.1658E-00 -0.4454E-01

0.3912E-01 0.5044E-01 -0.1501E-00 0.4075E-00 0.4577E-00 -0.4281E-00 0.3924E-00

-0.1350E-00 0.1002E-00 -0.5194E-01 0.1805E-00 0.2227E-00 -0.1734E-00 0.1900E-00

0.1410E-00 -0.2023E-00 0.1687E-00 -0.2042E-00 0.2650E-01 -0.1148E-00 0.1307E-00

0.5956E-01 -0.2441E-00 0.2350E-00 -0.2559E-00 0.1420E-00 -0.1986E-00 0.1261E-00

-0.6672E-01 -0.4853E-01 0.1869E-00 -0.4686E-00 0.3014E-00 -0.3218E-00 0.2774E-00

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[illegible]

Wavelength, microns	in CD-2500	at Level No.	20	37.5	52.5	67.5	82.5	97.5	112.5	127.5	142.5	157.5	172.5	187.5	202.5	217.5	232.5	247.5	262.5	277.5	292.5	307.5	322.5	337.5	352.5	367.5	382.5	397.5	412.5	427.5	442.5	457.5	472.5	487.5	502.5	517.5	532.5	547.5	562.5	577.5	592.5	607.5	622.5	637.5	652.5	667.5	682.5	697.5	712.5	727.5	742.5	757.5	772.5	787.5	802.5	817.5	832.5	847.5	862.5	877.5	892.5	907.5	922.5	937.5	952.5	967.5	982.5	997.5	1012.5	1027.5	1042.5	1057.5	1072.5	1087.5	1102.5	1117.5	1132.5	1147.5	1162.5	1177.5	1192.5	1207.5	1222.5	1237.5	1252.5	1267.5	1282.5	1297.5	1312.5	1327.5	1342.5	1357.5	1372.5	1387.5	1402.5	1417.5	1432.5	1447.5	1462.5	1477.5	1492.5	1507.5	1522.5	1537.5	1552.5	1567.5	1582.5	1597.5	1612.5	1627.5	1642.5	1657.5	1672.5	1687.5	1702.5	1717.5	1732.5	1747.5	1762.5	1777.5	1792.5	1807.5	1822.5	1837.5	1852.5	1867.5	1882.5	1897.5	1912.5	1927.5	1942.5	1957.5	1972.5	1987.5	2002.5	2017.5	2032.5	2047.5	2062.5	2077.5	2092.5	2107.5	2122.5	2137.5	2152.5	2167.5	2182.5	2197.5	2212.5	2227.5	2242.5	2257.5	2272.5	2287.5	2302.5	2317.5	2332.5	2347.5	2362.5	2377.5	2392.5	2407.5	2422.5	2437.5	2452.5	2467.5	2482.5	2497.5	2512.5	2527.5	2542.5	2557.5	2572.5	2587.5	2602.5	2617.5	2632.5	2647.5	2662.5	2677.5	2692.5	2707.5	2722.5	2737.5	2752.5	2767.5	2782.5	2797.5	2812.5	2827.5	2842.5	2857.5	2872.5	2887.5	2902.5	2917.5	2932.5	2947.5	2962.5	2977.5	2992.5	3007.5	3022.5	3037.5	3052.5	3067.5	3082.5	3097.5	3112.5	3127.5	3142.5	3157.5	3172.5	3187.5	3202.5	3217.5	3232.5	3247.5	3262.5	3277.5	3292.5	3307.5	3322.5	3337.5	3352.5	3367.5	3382.5	3397.5	3412.5	3427.5	3442.5	3457.5	3472.5	3487.5	3502.5	3517.5	3532.5	3547.5	3562.5	3577.5	3592.5	3607.5	3622.5	3637.5	3652.5	3667.5	3682.5	3697.5	3712.5	3727.5	3742.5	3757.5	3772.5	3787.5	3802.5	3817.5	3832.5	3847.5	3862.5	3877.5	3892.5	3907.5	3922.5	3937.5	3952.5	3967.5	3982.5	3997.5	4012.5	4027.5	4042.5	4057.5	4072.5	4087.5	4102.5	4117.5	4132.5	4147.5	4162.5	4177.5	4192.5	4207.5	4222.5	4237.5	4252.5	4267.5	4282.5	4297.5	4312.5	4327.5	4342.5	4357.5	4372.5	4387.5	4402.5	4417.5	4432.5	4447.5	4462.5	4477.5	4492.5	4507.5	4522.5	4537.5	4552.5	4567.5	4582.5	4597.5	4612.5	4627.5	4642.5	4657.5	4672.5	4687.5	4702.5	4717.5	4732.5	4747.5	4762.5	4777.5	4792.5	4807.5	4822.5	4837.5	4852.5	4867.5	4882.5	4897.5	4912.5	4927.5	4942.5	4957.5	4972.5	4987.5	5002.5	5017.5	5032.5	5047.5	5062.5	5077.5	5092.5	5107.5	5122.5	5137.5	5152.5	5167.5	5182.5	5197.5	5212.5	5227.5	5242.5	5257.5	5272.5	5287.5	5302.5	5317.5	5332.5	5347.5	5362.5	5377.5	5392.5	5407.5	5422.5	5437.5	5452.5	5467.5	5482.5	5497.5	5512.5	5527.5	5542.5	5557.5	5572.5	5587.5	5602.5	5617.5	5632.5	5
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STREAM FUNCTION IN UNITS OF CM**2/SEC. AT LEVEL NO. 24

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

-C.1745E DB -0.2422E DB C.1644E DB -C.1505E DB C.6713E DB -0.2388E DB

0.8088E DB 0.1649E DB C.1721E DB 0.6785E DB C.1791E DB C.2145E DB 0.1830E DB

-0.1541E DB 0.2142E DB -0.4461E DB C.1551E DB -C.1238E DB C.1588E DB -C.1145E DB C.1321E DB -C.6775E DB 0.2344E DB -0.8164E DB

-C.7544E DB 0.1628E DB -0.7178E DB -0.1628E DB -0.7442E DB -0.2152E DB -0.5522E DB -C.1612E DB -C.2354E DB -C.2404E DB -C.7845E DB -0.4793E DB

0.6451E DB C.4742E DB 0.4586E DB 0.2780E DB 0.4501E DB -0.2655E DB C.6693E DB -C.3527E DB 0.5677E DB -0.3751E DB C.1302E DB -0.3634E DB

0.5842E DB 0.5249E DB C.6794E DB 0.2617E DB -0.8214E DB 0.3505E DB -C.1322E DB 0.4212E DB -0.1364E DB C.4378E DB -C.6787E DB C.4197E DB -C.2945E DB C.4750E DB

-0.1563E DB -0.2074E DB -C.1554E DB -0.2632E DB -0.1627E DB -0.1557E DB -0.1705E DB -0.1010E DB -0.1742E DB -0.1616E DB -C.1744E DB -0.1305E DB -C.1718E DB -0.1612E DB -0.1645E DB

0.9093E DB C.8421E DB C.6274E DB 0.6321E DB 0.2342E DB 0.6616E DB 0.4159E DB 0.1606E DB 0.5313E DB C.4254E DB C.7302E DB C.2001E DB C.7955E DB

0.5805E DB 0.9578E DB 0.5315E DB 0.9445E DB 0.4728E DB 0.1088E DB 0.3854E DB 0.1622E DB 0.2849E DB 0.2156E DB 0.1802E DB 0.2502E DB C.1604E DB C.2722E DB

-C.1097E DB -0.7911E DB -C.7244E DB -0.1355E DB -0.1101E DB -0.1492E DB -0.5055E DB -0.2720E DB -0.1151E DB -0.3188E DB C.1476E DB -C.4312E DB -C.1601E DB -C.3334E DB

-0.1558E DB -0.5684E DB -0.4768E DB -0.9946E DB -0.1843E DB -C.1444E DB -C.1444E DB -C.2402E DB -C.1407E DB -0.1142E DB -0.2144E DB

-0.7119E DB -0.1322E DB -0.7153E DB -C.4143E DB -C.6478E DB -C.1451E DB -C.5602E DB -0.2924E DB -0.1937E DB -0.1937E DB -0.1937E DB

2. TANGENTIAL VELOCITY IN CM./SEC. AT LEVEL NO.

22

[illegible]

[illegible]

STREAM FUNCTION IN UNITS OF $CP_{\infty} \cdot \sqrt{2} \cdot \text{SEC} \cdot \text{AT LEVEL NR. 22}$

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	7.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

-0.6589E 07 -0.2011E 07 -0.4225E 07 -0.5144E 07 -0.1107E 07 -0.4226E 07

0.4859E 07 0.1355E 07 0.2313E 07 0.1624E 07 0.2679E 07 0.1354E 07 0.2621E 07

-0.2618E 07 -0.1010E 07 -0.2389E 07 -0.1331E 07 -0.2132E 07 -0.7444E 06 -0.2149E 07 -0.5193E 06 -0.2704E 07 -0.2946E 06 -0.2588E 07

-0.1962E 07 -0.1517E 06 -0.1954E 07 0.1895E 06 -0.1535E 07 0.5464E 06 -0.1178E 07 0.5491E 06 -0.8945E 06 0.4459E 06 -0.4464E 06 0.1315E 06

0.1596E 07 0.2655E 05 0.1159E 07 -0.6352E 05 0.1233E 06 0.4677E 05 -0.7223E 06 0.2719E 06 -0.1308E 07 0.1254E 06 -0.1335E 07 0.1045E 06 -0.1827E 07

0.1000E 06 0.1172E 07 0.1044E 06 0.2412E 07 0.0984E 07 0.4094E 07 0.8157E 07 0.6465E 07 0.5781E 07 0.4319E 07 0.1658E 07 0.4264E 07 0.2624E 07 0.1626E 07

-0.6800E 06 -0.1024E 06 -0.6616E 06 -0.1145E 06 -0.6356E 06 -0.1271E 06 -0.8114E 06 -0.1222E 06 -0.6007E 06 -0.1102E 06 -0.5857E 06 -0.9544E 07 -0.5644E 06 -0.7795E 07 -0.5346E 06

0.1431E 06 0.4510E 06 0.1464E 06 -0.1142E 06 0.1485E 06 -0.1849E 07 0.1455E 06 -0.2145E 07 0.1289E 06 -0.1457E 07 0.4645E 07 -0.8724E 06 0.5205E 07 0.3044E 06

0.2342E 07 -0.2341E 07 0.3086E 07 -0.8144E 07 0.3054E 07 -0.5279E 07 0.2851E 07 -0.6170E 07 0.2412E 07 -0.6554E 07 0.1625E 07 -0.6465E 07 0.4653E 06 -0.5804E 07

-0.1137E 06 -0.5840E 06 -0.1061E 06 -0.2554E 06 -0.9202E 7 -0.4804E 06 -0.8241E 07 -0.1536E 07 -0.6760E 07 -0.1414E 07 -0.4778E 07 -0.4822E 07 -0.2764E 07 -0.5011E 07

0.1822E 07 0.3374E 07 0.4951E 06 0.4989E 07 0.4871E 06 0.5603E 07 0.5141E 06 0.5537E 07 0.5604E 06 0.4872E 07

-0.4487E 07 0.1757E 07 -0.6009E 07 0.4265E 07 -0.4800E 07 0.6554E 07 -0.6842E 07 0.8104E 07 -0.3444E 07 0.8923E 07 -0.3538E 07 0.8547E 07

[illegible]

	82.5M	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5E	07.5E
57.5M																		
52.5M																		
47.5M																		
42.5M																		
37.5M																		
32.5M																		
27.5M																		
22.5M																		
17.5M																		
12.5M																		
07.5M																		
02.5M																		

0.3422E-01 -0.6719E-01 0.8441E-01 -0.6124E-01 0.4552E-01 -0.1032E-01

-0.1816E-01 0.3459E-01 -0.1131E-01 0.4552E-02 0.5044E-02 -0.1041E-02 0.1967E-01

0.1401E-01 -0.1028E-02 0.5334E-02 -0.3106E-02 0.1644E-02 -0.7762E-02 0.4666E-02 -0.1683E-02 0.1250E-02 0.7576E-03

-0.1875E-02 -0.276E-03 -0.4591E-02 -0.4591E-02 -0.4591E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02 0.4752E-02

0.1789E-02 0.5506E-02 -0.2578E-02 0.1267E-01 -0.5239E-02 0.1600E-01 -0.4068E-02 0.1224E-01 -0.2697E-02 0.4621E-02 0.2741E-02 0.7221E-03 0.5649E-02

-0.5506E-02 -0.2578E-02 0.1267E-01 -0.5239E-02 0.1600E-01 -0.4068E-02 0.1224E-01 -0.2697E-02 0.4621E-02 0.2741E-02 0.7221E-03 0.5649E-02

0.2726E-01 -0.4437E-01 0.3025E-01 -0.4227E-01 0.1836E-01 -0.2815E-01 0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01

0.1142E-01 -0.4437E-02 0.1497E-01 -0.4552E-02 0.1677E-01 0.5051E-03 0.5997E-02 0.2079E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01 -0.1142E-01

0.3419E-01 -0.1482E-01 0.2379E-01 -0.4994E-02 0.1401E-01 -0.8515E-03 0.1023E-01 0.3518E-02 0.2074E-01 -0.2577E-01 0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01 -0.4130E-01

-0.8515E-02 -0.9482E-02 -0.1321E-02 -0.1734E-01 0.6435E-02 -0.1378E-01 0.1672E-01 -0.2229E-01 0.2505E-01 -0.2441E-01 0.2441E-01 -0.2441E-01 -0.2441E-01 -0.2441E-01 -0.2441E-01 -0.2441E-01 -0.2441E-01 -0.2441E-01 -0.2441E-01

-0.3928E-01 0.1519E-01 -0.2076E-01 0.9045E-02 -0.8094E-02 0.4024E-03 0.5931E-03 -0.1911E-02 0.7271E-02 -0.1550E-02

-0.3012E-01 0.1668E-01 -0.3291E-01 0.1742E-01 -0.2877E-01 0.5566E-02 -0.1655E-01 -0.1518E-01 -0.3500E-02 -0.3426E-01 0.1247E-01 -0.4584E-01

STRENGTH FACTOR IN UNITS OF CM+2/SEC. AT LEVEL NO. 24

	64.5	77.5	89.5	101.5	113.5	125.5	137.5	149.5	161.5	173.5	185.5	197.5	209.5	221.5	233.5	245.5	257.5	269.5	281.5	293.5	305.5	317.5	329.5	341.5	353.5	365.5	377.5	389.5	401.5	413.5	425.5	437.5	449.5	461.5	473.5	485.5	497.5	509.5	521.5	533.5	545.5	557.5	569.5	581.5	593.5	605.5	617.5	629.5	641.5	653.5	665.5	677.5	689.5	701.5	713.5	725.5	737.5	749.5	761.5	773.5	785.5	797.5	809.5	821.5	833.5	845.5	857.5	869.5	881.5	893.5	905.5	917.5	929.5	941.5	953.5	965.5	977.5	989.5	1001.5	1013.5	1025.5	1037.5	1049.5	1061.5	1073.5	1085.5	1097.5	1109.5	1121.5	1133.5	1145.5	1157.5	1169.5	1181.5	1193.5	1205.5	1217.5	1229.5	1241.5	1253.5	1265.5	1277.5	1289.5	1301.5	1313.5	1325.5	1337.5	1349.5	1361.5	1373.5	1385.5	1397.5	1409.5	1421.5	1433.5	1445.5	1457.5	1469.5	1481.5	1493.5	1505.5	1517.5	1529.5	1541.5	1553.5	1565.5	1577.5	1589.5	1601.5	1613.5	1625.5	1637.5	1649.5	1661.5	1673.5	1685.5	1697.5	1709.5	1721.5	1733.5	1745.5	1757.5	1769.5	1781.5	1793.5	1805.5	1817.5	1829.5	1841.5	1853.5	1865.5	1877.5	1889.5	1901.5	1913.5	1925.5	1937.5	1949.5	1961.5	1973.5	1985.5	1997.5	2009.5	2021.5	2033.5	2045.5	2057.5	2069.5	2081.5	2093.5	2105.5	2117.5	2129.5	2141.5	2153.5	2165.5	2177.5	2189.5	2201.5	2213.5	2225.5	2237.5	2249.5	2261.5	2273.5	2285.5	2297.5	2309.5	2321.5	2333.5	2345.5	2357.5	2369.5	2381.5	2393.5	2405.5	2417.5	2429.5	2441.5	2453.5	2465.5	2477.5	2489.5	2501.5	2513.5	2525.5	2537.5	2549.5	2561.5	2573.5	2585.5	2597.5	2609.5	2621.5	2633.5	2645.5	2657.5	2669.5	2681.5	2693.5	2705.5	2717.5	2729.5	2741.5	2753.5	2765.5	2777.5	2789.5	2801.5	2813.5	2825.5	2837.5	2849.5	2861.5	2873.5	2885.5	2897.5	2909.5	2921.5	2933.5	2945.5	2957.5	2969.5	2981.5	2993.5	3005.5	3017.5	3029.5	3041.5	3053.5	3065.5	3077.5	3089.5	3101.5	3113.5	3125.5	3137.5	3149.5	3161.5	3173.5	3185.5	3197.5	3209.5	3221.5	3233.5	3245.5	3257.5	3269.5	3281.5	3293.5	3305.5	3317.5	3329.5	3341.5	3353.5	3365.5	3377.5	3389.5	3401.5	3413.5	3425.5	3437.5	3449.5	3461.5	3473.5	3485.5	3497.5	3509.5	3521.5	3533.5	3545.5	3557.5	3569.5	3581.5	3593.5	3605.5	3617.5	3629.5	3641.5	3653.5	3665.5	3677.5	3689.5	3701.5	3713.5	3725.5	3737.5	3749.5	3761.5	3773.5	3785.5	3797.5	3809.5	3821.5	3833.5	3845.5	3857.5	3869.5	3881.5	3893.5	3905.5	3917.5	3929.5	3941.5	3953.5	3965.5	3977.5	3989.5	4001.5	4013.5	4025.5	4037.5	4049.5	4061.5	4073.5	4085.5	4097.5	4109.5	4121.5	4133.5	4145.5	4157.5	4169.5	4181.5	4193.5	4205.5	4217.5	4229.5	4241.5	4253.5	4265.5	4277.5	4289.5	4301.5	4313.5	4325.5	4337.5	4349.5	4361.5	4373.5	4385.5	4397.5	4409.5	4421.5	4433.5	4445.5	4457.5	4469.5	4481.5	4493.5	4505.5	4517.5	4529.5	4541.5	4553.5	4565.5	4577.5	4589.5	4601.5	4613.5	4625.5	4637.5	4649.5	4661.5	4673.5	4685.5	4697.5	4709.5	4721.5	4733.5	4745.5	4757.5	4769.5	4781.5	4793.5	4805.5	4817.5	4829.5	4841.5	4853.5	4865.5	4877.5	4889.5	4901.5	4913.5	4925.5	4937.5	4949.5	4961.5	4973.5	4985.5	4997.5	5009.5	5021.5	5033.5	5045.5	5057.5	5069.5	5081.5	5093.5	5105.5	5117.5	5129.5	5141.5	5153.5	5165.5	5177.5	5189.5	5201.5	5213.5	5225.5	5237.5	5249.5	5261.5	5273.5	5285.5	5297.5	5309.5	5321.5	5333.5	5345.5	5357.5	5369.5	5381.5	5393.5	5405.5	5417.5	5429.5	5441.5	5453.5	5465.5	5477.5	5489.5	5501.5	5513.5	5525.5	5537.5	5549.5	5561.5	5573.5	5585.5	5597.5	5609.5	5621.5	5633.5	5645.5	5657.5	5669.5	5681.5	5693.5	5705.5	5717.5	5729.5	5741.5	5753.5	5765.5	5777.5	5789.5	5801.5	5813.5	5825.5	5837.5	5849.5	5861.5	5873.5	5885.5	5897.5	5909.5	5921.5	5933.5	5945.5	5957.5	5969.5	5981.5	5993.5	6005.5	6017.5	6029.5	6041.5	6053.5	6065.5	6077.5	6089.5	6101.5	6113.5	6125.5	6137.5	6149.5	6161.5	6173.5	6185.5	6197.5	6209.5	6221.5	6233.5	6245.5	6257.5	6269.5	6281.5	6293.5	6305.5	6317.5	6329.5	6341.5	6353.5	6365.5	6377.5	6389.5	6401.5	6413.5	6425.5	6437.5	6449.5	6461.5	6473.5	6485.5	6497.5	6509.5	6521.5	6533.5	6545.5	6557.5	6569.5	6581.5	6593.5	6605.5	6617.5	6629.5	6641.5	6653.5	6665.5	6677.5	6689.5	6701.5	6713.5	6725.5	6737.5	6749.5	6761.5	6773.5	6785.5	6797.5	6809.5	6821.5	6833.5	6845.5	6857.5	6869.5	6881.5	6893.5	6905.5	6917.5	6929.5	6941.5	6953.5	6965.5	6977.5	6989.5	7001.5	7013.5	7025.5	7037.5	7049.5	7061.5	7073.5	7085.5	7097.5	7109.5	7121.5	7133.5	7145.5	7157.5	7169.5	7181.5	7193.5	7205.5	7217.5	7229.5	7241.5	7253.5	7265.5	7277.5	7289.5	7301.5	7313.5	7325.5	7337.5	7349.5	7361.5	7373.5	7385.5	7397.5	7409.5	7421.5	7433.5	7445.5	7457.5	7469.5	7481.5	7493.5	7505.5	7517.5	7529.5	7541.5	7553.5	7565.5	7577.5	7589.5	7601.5	7613.5	7625.5	7637.5	7649.5	7661.5	7673.5	7685.5	7697.5	7709.5	7721.5	7733.5	7745.5	7757.5	7769.5	7781.5	7793.5	7805.5	7817.5	7829.5	7841.5	7853.5	7865.5	7877.5	7889.5	7901.5	7913.5	7925.5	7937.5	7949.5	7961.5	7973.5	7985.5	7997.5	8009.5	8021.5	8033.5	8045.5	8057.5	8069.5	8081.5	8093.5	8105.5	8117.5	8129.5	8141.5	8153.5	8165.5	8177.5	8189.5	8201.5	8213.5	8225.5	8237.5	8249.5	8261.5	8273.5	8285.5	8297.5	8309.5	8321.5	8333.5	8345.5	8357.5	8369.5	8381.5	8393.5	8405.5	8417.5	8429.5	8441.5	8453.5	8465.5	8477.5	8489.5	8501.5	8513.5	8525.5	8537.5	8549.5	8561.5	8573.5	8585.5	8597.5	8609.5	8621.5	8633.5	8645.5	8657.5	8669.5	8681.5	8693.5	8705.5	8717.5	8729.5	8741.5	8753.5	8765.5	8777.5	8789.5	8801.5	8813.5	8825.5	8837.5	8849.5	8861.5	8873.5	8885.5	8897.5	8909.5	8921.5	8933.5	8945.5	8957.5	8969.5	8981.5	8993.5	9005.5	9017.5	9029.5	9041.5	9053.5	9065.5	9077.5	9089.5	9101.5	9113.5	9125.5	9137.5	9149.5	9161.5	9173.5	9185.5	9197.5	9209.5	9221.5	9233.5	9245.5	9257.5	9269.5	9281.5	9293.5	9305.5	9317.5	9329.5	9341.5	9353.5	9365.5	9377.5	9389.5	9401.5	9413.5	9425.5	9437.5	9449.5	9461.5	9473.5	9485.5	9497.5	9509.5	9521.5	9533.5	9545.5	9557.5	9569.5	9581.5	9593.5	9605.5	9617.5	9629.5	9641.5	9653.5	9665.5	9677.5	9689.5	9701.5	9713.5	9725.5	9737.5	9749.5	9761.5	9773.5	9785.5	9797.5	9809.5	9821.5	9833.5	9845.5	9857.5	9869.5	9881.5	9893.5	9905.5	9917.5	9929.5	9941.5	9953.5	9965.5	9977.5	9989.5	10001.5	10013.5	10025.5	10037.5	10049.5	10061.5	10073.5	10085.5	10097.5	10109.5	10121.5	10133.5	10145.5	10157.5	10169.5	10181.5	10193.5	10205.5	10217.5	10229.5	10241.5	10253.5	10265.5	10277.5	10289.5	10301.5	10313.5	10325.5	10337.5	10349.5	10361.5	10373.5	10385.5	10397.5	10409.5	10421.5	10433.5	10445.5	10457.5	10469.5	10481.5	10493.5	10505.5	10517.5	10529.5	10541.5	10553.5	10565.5	10577.5	10589.5	10601.5	10613.5	10625.5	10637.5	10649.5	10661.5	10673.5	10685.5	10697.5	10709.5	10721.5	10733.5	10745.5	10757.5	10769.5	10781.5	10793.5	10805.5	10817.5	10829.5	10841.5	10853.5	10865.5	10877.5	10889.5	10901.5	10913.5	10925.5	10937.5	10949.5	10961.5	10973.5	10985.5	10997.5	11009.5	11021.5	11033.5	11045.5	11057.5	11069.5	11081.5	11093.5	11105.5	11117.5	11129.5	11141.5	11153.5	11165.5	11177.5	11189.5	11201.5	11213.5	11225.5	11237.5	11249.5	11261.5	11273.5	11285.5	11297.5	11309.5	11321.5	11333.5	11345.5	11357.5	11369.5	11381.5	11393.5	11405.5	11417.5	11429.5	11441.5	11453.5	11465.5	11477.5	11489.5	11501.5	11513.5	11525.5	11537.5	11549.5	11561.5	11573.5	11585.5	11597.5	11609.5	11621.5	11633.5	11645.5	11657.5	11669.5	11681.5	11693.5	11705.5	11717.5	11729.5	11741.5	11753.5	11765.5	11777.5	11789.5	11801.5	11813.5	11825.5	11837.5	11849.5	11861.5	11873.5	11885.5	11897.5	11909.5	11921.5	11933.5	11945.5	11957.5	11969.5	11981.5	11993.5	12005.5	12017.5	12029.5	12041.5	12053.5	12065.5	12077.5	12089.5	12101.5	12113.5	12125.5	12137.5	12149.5	12161.5	12173.5	12185.5	12197.5	12209.5	12221.5	12233.5	12245.5	12257.5	12269.5	12281.5	12293.5	12305.5	12317.5	12329.5	12341.5	12353.5	12365.5	12377.5	12389.5	12401.5	12413.5	12425.5	12437.5	12449.5	12461.5	12473.5	12485.5	12497.5	12509.5	12521.5	12533.5	12545.5	12557.5	12569.5	12581.5	12593.5	12605.5	12617.5	12629.5	12641.5	12653.5	12665.5	12677.5	12689.5	12701.5	12713.5	12725.5	12737.5	12749.5	12761.5	12773.5	12785.5	12797.5	12809.5	12821.5	12833.5	12845.5	12857.5	12869.5	12881.5	12893.5	12905.5	12917.5	12929.5	12941.5	12953.5	12965.5	12977.5	12989.5	13001.5	13013.5	13025.5	13037.5	13049.5	13061.5	13073.5	13085.5	13097.5	13109.5	13121.5	13133.5	13145.5	13157.5	13169.5	13181.5	13193.5	13205.5	13217.5	13229.5	13241.5	13253.5
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	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	7.5	07.5E
57.5N																	
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-0.3412E 07 -0.2021E 06 -0.1114E 05 -0.3294E 04 -0.5083E 03 -0.6120E 02

0.9924E 06 0.5422E 05 0.2600E 04 0.1544E 03 0.0805E 02 0.0424E 01 0.0214E 00 0.0104E 00 -0.0024E 00

-0.0024E 00 -0.0104E 00 -0.0214E 00 -0.0424E 00 -0.0805E 00 -0.1544E 00 -0.2600E 00 -0.5422E 00 -0.9924E 00

-0.1722E 03 0.1177E 02 0.0424E 01 0.0104E 00 0.0024E 00 0.0000E 00 0.0000E 00 0.0000E 00 0.0000E 00

-0.0104E 00 -0.0214E 00 -0.0424E 00 -0.0805E 00 -0.1544E 00 -0.2600E 00 -0.5422E 00 -0.9924E 00

0.2951E 07 0.1101E 06 0.3072E 05 0.2589E 04 0.2194E 03 0.1804E 02 0.1414E 01 0.1024E 00 0.0634E 00

-0.2465E 06 -0.2401E 05 -0.2356E 04 -0.2304E 03 -0.2252E 02 -0.2200E 01 -0.2148E 00 -0.2096E 00 -0.2044E 00

0.1715E 07 0.0681E 06 0.1242E 05 0.1020E 04 0.0804E 03 0.0588E 02 0.0372E 01 0.0156E 00 0.0000E 00

-0.1414E 07 0.0627E 06 -0.1242E 05 0.1020E 04 0.0804E 03 0.0588E 02 0.0372E 01 0.0156E 00 0.0000E 00

-0.1574E 07 0.0576E 06 -0.1177E 05 0.0954E 04 0.0738E 03 0.0522E 02 0.0306E 01 0.0090E 00 0.0000E 00

0.1720E 07 0.0621E 06 0.1242E 05 0.1020E 04 0.0804E 03 0.0588E 02 0.0372E 01 0.0156E 00 0.0000E 00

0.1720E 07 0.0621E 06 0.1242E 05 0.1020E 04 0.0804E 03 0.0588E 02 0.0372E 01 0.0156E 00 0.0000E 00

	57.5	62.5	67.5	72.5	77.5	82.5	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	247.5	252.5	257.5	262.5	267.5	272.5	277.5	282.5	287.5	292.5	297.5	302.5	307.5	312.5	317.5	322.5	327.5	332.5	337.5	342.5	347.5	352.5	357.5	362.5	367.5	372.5	377.5	382.5	387.5	392.5	397.5	402.5	407.5	412.5	417.5	422.5	427.5	432.5	437.5	442.5	447.5	452.5	457.5	462.5	467.5	472.5	477.5	482.5	487.5	492.5	497.5	502.5	507.5	512.5	517.5	522.5	527.5	532.5	537.5	542.5	547.5	552.5	557.5	562.5	567.5	572.5	577.5	582.5	587.5	592.5	597.5	602.5	607.5	612.5	617.5	622.5	627.5	632.5	637.5	642.5	647.5	652.5	657.5	662.5	667.5	672.5	677.5	682.5	687.5	692.5	697.5	702.5	707.5	712.5	717.5	722.5	727.5	732.5	737.5	742.5	747.5	752.5	757.5	762.5	767.5	772.5	777.5	782.5	787.5	792.5	797.5	802.5	807.5	812.5	817.5	822.5	827.5	832.5	837.5	842.5	847.5	852.5	857.5	862.5	867.5	872.5	877.5	882.5	887.5	892.5	897.5	902.5	907.5	912.5	917.5	922.5	927.5	932.5	937.5	942.5	947.5	952.5	957.5	962.5	967.5	972.5	977.5	982.5	987.5	992.5	997.5	1002.5	1007.5	1012.5	1017.5	1022.5	1027.5	1032.5	1037.5	1042.5	1047.5	1052.5	1057.5	1062.5	1067.5	1072.5	1077.5	1082.5	1087.5	1092.5	1097.5	1102.5	1107.5	1112.5	1117.5	1122.5	1127.5	1132.5	1137.5	1142.5	1147.5	1152.5	1157.5	1162.5	1167.5	1172.5	1177.5	1182.5	1187.5	1192.5	1197.5	1202.5	1207.5	1212.5	1217.5	1222.5	1227.5	1232.5	1237.5	1242.5	1247.5	1252.5	1257.5	1262.5	1267.5	1272.5	1277.5	1282.5	1287.5	1292.5	1297.5	1302.5	1307.5	1312.5	1317.5	1322.5	1327.5	1332.5	1337.5	1342.5	1347.5	1352.5	1357.5	1362.5	1367.5	1372.5	1377.5	1382.5	1387.5	1392.5	1397.5	1402.5	1407.5	1412.5	1417.5	1422.5	1427.5	1432.5	1437.5	1442.5	1447.5	1452.5	1457.5	1462.5	1467.5	1472.5	1477.5	1482.5	1487.5	1492.5	1497.5	1502.5	1507.5	1512.5	1517.5	1522.5	1527.5	1532.5	1537.5	1542.5	1547.5	1552.5	1557.5	1562.5	1567.5	1572.5	1577.5	1582.5	1587.5	1592.5	1597.5	1602.5	1607.5	1612.5	1617.5	1622.5	1627.5	1632.5	1637.5	1642.5	1647.5	1652.5	1657.5	1662.5	1667.5	1672.5	1677.5	1682.5	1687.5	1692.5	1697.5	1702.5	1707.5	1712.5	1717.5	1722.5	1727.5	1732.5	1737.5	1742.5	1747.5	1752.5	1757.5	1762.5	1767.5	1772.5	1777.5	1782.5	1787.5	1792.5	1797.5	1802.5	1807.5	1812.5	1817.5	1822.5	1827.5	1832.5	1837.5	1842.5	1847.5	1852.5	1857.5	1862.5	1867.5	1872.5	1877.5	1882.5	1887.5	1892.5	1897.5	1902.5	1907.5	1912.5	1917.5	1922.5	1927.5	1932.5	1937.5	1942.5	1947.5	1952.5	1957.5	1962.5	1967.5	1972.5	1977.5	1982.5	1987.5	1992.5	1997.5	2002.5	2007.5	2012.5	2017.5	2022.5	2027.5	2032.5	2037.5	2042.5	2047.5	2052.5	2057.5	2062.5	2067.5	2072.5	2077.5	2082.5	2087.5	2092.5	2097.5	2102.5	2107.5	2112.5	2117.5	2122.5	2127.5	2132.5	2137.5	2142.5	2147.5	2152.5	2157.5	2162.5	2167.5	2172.5	2177.5	2182.5	2187.5	2192.5	2197.5	2202.5	2207.5	2212.5	2217.5	2222.5	2227.5	2232.5	2237.5	2242.5	2247.5	2252.5	2257.5	2262.5	2267.5	2272.5	2277.5	2282.5	2287.5	2292.5	2297.5	2302.5	2307.5	2312.5	2317.5	2322.5	2327.5	2332.5	2337.5	2342.5	2347.5	2352.5	2357.5	2362.5	2367.5	2372.5	2377.5	2382.5	2387.5	2392.5	2397.5	2402.5	2407.5	2412.5	2417.5	2422.5	2427.5	2432.5	2437.5	2442.5	2447.5	2452.5	2457.5	2462.5	2467.5	2472.5	2477.5	2482.5	2487.5	2492.5	2497.5	2502.5	2507.5	2512.5	2517.5	2522.5	2527.5	2532.5	2537.5	2542.5	2547.5	2552.5	2557.5	2562.5	2567.5	2572.5	2577.5	2582.5	2587.5	2592.5	2597.5	2602.5	2607.5	2612.5	2617.5	2622.5	2627.5	2632.5	2637.5	2642.5	2647.5	2652.5	2657.5	2662.5	2667.5	2672.5	2677.5	2682.5	2687.5	2692.5	2697.5	2702.5	2707.5	2712.5	2717.5	2722.5	2727.5	2732.5	2737.5	2742.5	2747.5	2752.5	2757.5	2762.5	2767.5	2772.5	2777.5	2782.5	2787.5	2792.5	2797.5	2802.5	2807.5	2812.5	2817.5	2822.5	2827.5	2832.5	2837.5	2842.5	2847.5	2852.5	2857.5	2862.5	2867.5	2872.5	2877.5	2882.5	2887.5	2892.5	2897.5	2902.5	2907.5	2912.5	2917.5	2922.5	2927.5	2932.5	2937.5	2942.5	2947.5	2952.5	2957.5	2962.5	2967.5	2972.5	2977.5	2982.5	2987.5	2992.5	2997.5	3002.5	3007.5	3012.5	3017.5	3022.5	3027.5	3032.5	3037.5	3042.5	3047.5	3052.5	3057.5	3062.5	3067.5	3072.5	3077.5	3082.5	3087.5	3092.5	3097.5	3102.5	3107.5	3112.5	3117.5	3122.5	3127.5	3132.5	3137.5	3142.5	3147.5	3152.5	3157.5	3162.5	3167.5	3172.5	3177.5	3182.5	3187.5	3192.5	3197.5	3202.5	3207.5	3212.5	3217.5	3222.5	3227.5	3232.5	3237.5	3242.5	3247.5	3252.5	3257.5	3262.5	3267.5	3272.5	3277.5	3282.5	3287.5	3292.5	3297.5	3302.5	3307.5	3312.5	3317.5	3322.5	3327.5	3332.5	3337.5	3342.5	3347.5	3352.5	3357.5	3362.5	3367.5	3372.5	3377.5	3382.5	3387.5	3392.5	3397.5	3402.5	3407.5	3412.5	3417.5	3422.5	3427.5	3432.5	3437.5	3442.5	3447.5	3452.5	3457.5	3462.5	3467.5	3472.5	3477.5	3482.5	3487.5	3492.5	3497.5	3502.5	3507.5	3512.5	3517.5	3522.5	3527.5	3532.5	3537.5	3542.5	3547.5	3552.5	3557.5	3562.5	3567.5	3572.5	3577.5	3582.5	3587.5	3592.5	3597.5	3602.5	3607.5	3612.5	3617.5	3622.5	3627.5	3632.5	3637.5	3642.5	3647.5	3652.5	3657.5	3662.5	3667.5	3672.5	3677.5	3682.5	3687.5	3692.5	3697.5	3702.5	3707.5	3712.5	3717.5	3722.5	3727.5	3732.5	3737.5	3742.5	3747.5	3752.5	3757.5	3762.5	3767.5	3772.5	3777.5	3782.5	3787.5	3792.5	3797.5	3802.5	3807.5	3812.5	3817.5	3822.5	3827.5	3832.5	3837.5	3842.5	3847.5	3852.5	3857.5	3862.5	3867.5	3872.5	3877.5	3882.5	3887.5	3892.5	3897.5	3902.5	3907.5	3912.5	3917.5	3922.5	3927.5	3932.5	3937.5	3942.5	3947.5	3952.5	3957.5	3962.5	3967.5	3972.5	3977.5	3982.5	3987.5	3992.5	3997.5	4002.5	4007.5	4012.5	4017.5	4022.5	4027.5	4032.5	4037.5	4042.5	4047.5	4052.5	4057.5	4062.5	4067.5	4072.5	4077.5	4082.5	4087.5	4092.5	4097.5	4102.5	4107.5	4112.5	4117.5	4122.5	4127.5	4132.5	4137.5	4142.5	4147.5	4152.5	4157.5	4162.5	4167.5	4172.5	4177.5	4182.5	4187.5	4192.5	4197.5	4202.5	4207.5	4212.5	4217.5	4222.5	4227.5	4232.5	4237.5	4242.5	4247.5	4252.5	4257.5	4262.5	4267.5	4272.5	4277.5	4282.5	4287.5	4292.5	4297.5	4302.5	4307.5	4312.5	4317.5	4322.5	4327.5	4332.5	4337.5	4342.5	4347.5	4352.5	4357.5	4362.5	4367.5	4372.5	4377.5	4382.5	4387.5	4392.5	4397.5	4402.5	4407.5	4412.5	4417.5	4422.5	4427.5	4432.5	4437.5	4442.5	4447.5	4452.5	4457.5	4462.5	4467.5	4472.5	4477.5	4482.5	4487.5	4492.5	4497.5	4502.5	4507.5	4512.5	4517.5	4522.5	4527.5	4532.5	4537.5	4542.5	4547.5	4552.5	4557.5	4562.5	4567.5	4572.5	4577.5	4582.5	4587.5	4592.5	4597.5	4602.5	4607.5	4612.5	4617.5	4622.5	4627.5	4632.5	4637.5	4642.5	4647.5	4652.5	4657.5	4662.5	4667.5	4672.5	4677.5	4682.5	4687.5	4692.5	4697.5	4702.5	4707.5	4712.5	4717.5	4722.5	4727.5	4732.5	4737.5	4742.5	4747.5	4752.5	4757.5	4762.5	4767.5	4772.5	4777.5	4782.5	4787.5	4792.5	4797.5	4802.5	4807.5	4812.5	4817.5	4822.5	4827.5	4832.5	4837.5	4842.5	4847.5	4852.5	4857.5	4862.5	4867.5	4872.5	4877.5	4882.5	4887.5	4892.5	4897.5	4902.5	4907.5	4912.5	4917.5	4922.5	4927.5	4932.5	4937.5	4942.5	4947.5	4952.5	4957.5	4962.5	4967.5	4972.5	4977.5	4982.5	4987.5	4992.5	4997.5	5002.5	5007.5	5012.5	5017.5	5022.5	5027.5	5032.5	5037.5	5042.5	5047.5	5052.5	5057.5	5062.5	5067.5	5072.5	5077.5	5082.5	5087.5	5092.5	5097.5	5102.5	5107.5	5112.5	5117.5	5122.5	5127.5	5132.5	5137.5	5142.5	5147.5	5152.5	5157.5	5162.5	5167.5	5172.5	5177.5	5182.5	5187.5	5192.5	5197.5	5202.5	5207.5	5212.5	5217.5	5222.5	5227.5	5232.5	5237.5	5242.5	5247.5	5252.5	5257.5	5262.5	5267.5	5272.5	5277.5	5282.5	5287.5	5292.5	5297.5	5302.5	5307.5	5312.5	5317.5	5322.5	5327.5	5332.5	5337.5	5342.5	5347.5	5352.5	5357.5	5362.5	5367.5	5372.5	5377.5	5382.5	5387.5	5392.5	5397.5	5402.5	5407.5	5412.5	5417.5	5422.5	5427.5	5432.5	5437.5	5442.5	5447.5	5452.5	5457.5	5462.5	5467.5	5472.5	5477.5	5482.5	5487.5	5492.5	5497.5	5502.5	5507.5	5512.5	5517.5	5522.5	5527.5	5532.5	5537.5	5542.5	5547.5	5552.5	5557.5	5562.5	5567.5	5572.5	5577.5	5582.5	5587.5	5592.5	5597.5	5602.5	5607.5	5612.5	5617.5	5622.5	5627.5	5632.5	5637.5	5642.5	5647.5	5652.5	5657.5	5662.5	5667.5	5672.5	5677.5	5682.5	5687.5	5692.5	5697.5	5702.5	5707.5	5712.5	5717.5	5722.5	5727.5	5732.5
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	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5	07.5E
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C.1405E-02 -0.7546E-02 C.5016E-02 -0.1244E-01

0.9517E-03 0.2454E-02 -0.2546E-02 C.52C3E-02 -0.1220E-02 C.1844E-02 0.1127E-02

0.4557E-03 -0.2456E-02 0.1564E-02 -0.2670E-02 0.1507E-02 -0.1364E-02 -0.2674E-02 -0.2674E-02 0.9955E-03 -0.2606E-03

-0.2710E-02 -0.7114E-03 -0.1761E-02 -0.4071E-03 -0.1564E-02 -0.3765E-03 0.0710E-03 -0.2674E-02 -0.2674E-02 0.9955E-03 -0.2606E-03

C.4291E-02 -0.1964E-02 0.2481E-02 -0.4924E-03 0.5661E-03 0.0635E-04 -0.1629E-02 0.1136E-02 -0.2498E-02 0.1362E-02 -0.2674E-02 0.6975E-03 -0.1094E-02

0.7144E-02 -0.2637E-02 0.5675E-02 -0.1720E-03 0.4645E-02 0.2667E-02 0.2360E-02 0.4953E-02 0.5155E-03 0.1041E-01 -0.2182E-02 0.1198E-01 -0.2249E-02 0.1063E-01

0.1913E-02 -0.1300E-01 0.2513E-02 -0.1439E-01 0.2368E-02 -0.1439E-01 0.5907E-03 -0.1174E-01 0.1916E-04 -0.1001E-01 0.1113E-02 0.1113E-02 -0.2674E-02 -0.2674E-02

0.1161E-02 0.2626E-02 0.2626E-02 0.3934E-02 0.1526E-02 0.5455E-02 0.1113E-02 0.5455E-02 0.1654E-02 0.4231E-02 0.5661E-02 0.1276E-02 0.5892E-02

0.5863E-02 -0.3344E-02 0.4659E-02 -0.4344E-02 0.1192E-02 -0.4431E-02 -0.3415E-02 0.5593E-02 -0.3415E-02 0.5593E-02 -0.2536E-02 0.2536E-02 -0.2536E-02 -0.2536E-02

-0.4855E-02 0.2022E-02 -0.5403E-02 0.4665E-03 -0.4439E-02 0.3545E-03 -0.3704E-02 -0.1189E-02 -0.2008E-02 -0.3111E-02 -0.2544E-03 -0.5447E-02 0.1537E-02 -0.1855E-02

-0.1142E-02 0.4433E-02 0.1764E-03 0.5777E-02 0.2504E-03 0.6159E-03 0.7044E-03 0.5423E-03 0.1044E-03 0.4794E-03

-0.4771E-02 0.2389E-02 -0.6319E-02 0.3281E-02 -0.7413E-02 0.4137E-02 -0.1822E-02 0.4688E-02 -0.6359E-02 0.5673E-02 -0.1859E-02 0.3589E-02

STREAM FUNCTION IN UNITS OF $CP \cdot \Delta Z / 500$ AT LEVEL NO. 26

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
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-0.4429E 06 0.3425E 05 -0.2669E 06 0.2515E 05 -0.2285E 06 -0.6711E 05

0.4494E 06 0.2153E 05 0.2434E 06 0.4451E 06 0.2766E 07 0.1356E 05 0.1850E 06

-0.4104E 06 -0.5107E 05 -0.4018E 06 -0.4823E 05 -0.1365E 06 -0.2100E 06 -0.1115E 06 -0.2285E 06 -0.6506E 05 -0.2175E 06

0.1225E 05 0.7574E 05 0.7042E 05 0.1103E 06 0.4350E 05 0.1160E 06 0.1650E 05 0.1271E 06 -0.1271E 06 -0.6823E 05 0.1577E 06

-0.9272E 06 -0.1067E 06 -0.7757E 06 -0.4441E 06 -0.7238E 06 -0.4203E 06 -0.4669E 06 -0.2517E 06 -0.6400E 06 -0.1972E 06 -0.5818E 06

0.8870E 06 -0.4359E 06 0.2595E 06 -0.4867E 06 0.4800E 05 -0.1276E 07 0.6298E 06 -0.1377E 07 0.5155E 06 0.1810E 07 0.2251E 06 -0.1069E 07 0.4915E 05 -0.1859E 07

-0.1613E 06 -0.1797E 07 -0.1407E 06 -0.1755E 07 -0.1357E 06 -0.1304E 06 -0.6260E 07 -0.1250E 08 -0.1362E 07 0.1201E 06 -0.1472E 07 -0.1155E 06 -0.1402E 07 -0.1647E 06

0.6916E 06 0.2150E 05 0.4516E 06 -0.1111E 06 0.2154E 05 -0.2658E 06 0.2658E 05 -0.4312E 06 -0.6333E 05 -0.1618E 06 -0.1233E 06 -0.7032E 06 -0.1037E 06 -0.1712E 06

-0.6276E 06 -0.1162E 06 -0.6254E 06 -0.2312E 06 -0.5559E 06 -0.3217E 06 -0.4755E 06 -0.1749E 06 0.4623E 06 -0.4257E 06 -0.3629E 06 -0.1016E 06 -0.2558E 06 -0.5810E 07 -0.1561E 06 -0.6265E 06

0.4835E 05 0.2515E 06 -0.2394E 05 0.5623E 06 -0.1318E 06 0.7282E 06 -0.1749E 06 0.4623E 06 -0.4257E 06 -0.3629E 06 -0.1016E 06 -0.2558E 06 -0.5810E 07 -0.1561E 06 -0.6265E 06

0.6587E 06 -0.1564E 06 0.5319E 06 -0.5817E 06 0.1395E 06 -0.4400E 06 0.2046E 06 -0.5815E 06 0.3755E 05 -0.6445E 06

0.1096E 07 0.2544E 06 0.1115E 07 0.1766E 06 0.1017E 07 0.5864E 06 0.9352E 06 0.6824E 06 0.7294E 06 0.7945E 06 0.4188E 06 0.6712E 06

	77.5	78.5	79.5	80.5	81.5	82.5	83.5	84.5	85.5	86.5	87.5	88.5	89.5	90.5	91.5	92.5	93.5	94.5	95.5	96.5	97.5	98.5	99.5	100.5	
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82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
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-0.2512E-02 -0.1424E-01 -0.1022E-02 -0.1612E-03 -0.1474E-02 -0.3103E-04

0.2107E-02 0.5555E-04 0.1400E-03 0.4761E-03 0.4761E-03 0.4761E-03 0.4761E-03

-0.1467E-02 -0.1735E-02 0.5921E-03 -0.1562E-02 0.6166E-03 -0.1177E-02 0.2442E-03 0.7874E-04 -0.6941E-04 -0.

0.1472E-02 0.5101E-02 0.1724E-02 0.1466E-02 0.1749E-03 0.1429E-02 0.2951E-02 0.1051E-02 -0.1455E-03 0.1455E-03

-0.8651E-02 -0.1277E-03 -0.4516E-02 -0.1242E-02 0.5566E-03 -0.1295E-02 0.3748E-02 0.1174E-02 0.2201E-02 0.7834E-02

0.1174E-01 0.2544E-01 0.8647E-01 0.8173E-02 0.4554E-01 0.7595E-02 0.4213E-01 0.7633E-02 0.4051E-02 0.7803E-02

-0.5396E-02 -0.1316E-02 -0.7160E-02 -0.9447E-02 0.5796E-03 -0.1150E-01 0.7671E-03 -0.1333E-01 0.6745E-03 -0.1423E-01 -0.6942E-03

-0.3462E-01 -0.1153E-01 -0.9354E-01 -0.1076E-01 -0.7002E-01 -0.9787E-02 -0.8642E-02 -0.4378E-01 -0.7576E-02 -0.6744E-01 -0.6744E-01

0.1248E-01 0.5430E-03 0.1158E-01 -0.9113E-03 0.1046E-01 -0.2700E-02 0.4973E-02 -0.4531E-02 0.4149E-02 -0.6270E-02 0.7898E-02

-0.2302E-02 0.7071E-04 -0.2051E-02 0.2766E-03 -0.1566E-02 0.1076E-02 0.2859E-02 0.1654E-02 0.2859E-02 0.1209E-02 0.4761E-02

0.5026E-02 0.3613E-02 0.6646E-03 0.2495E-02 0.1501E-02 0.1747E-02 0.3191E-02 0.5796E-03 0.4155E-02 -0.7125E-03

-0.1472E-02 -0.3846E-02 -0.2676E-02 -0.4487E-02 -0.2255E-02 -0.5262E-02 -0.2164E-02 -0.4487E-02 -0.4487E-02 -0.

PERALTIMAL VELOCITY IN CM/SEC. AT LEVEL 100.

27

82.5M 77.5 72.5 67.5 62.5 57.5 52.5 47.5 42.5 37.5 32.5 27.5 22.5 17.5 12.5 07.5 02.5M 07.5E

-0.1366E-02 -0.2322E-02 -0.1652E-02 -0.1055E-02 0.7659E-03 -0.1811E-02

0.1166E-03 0.2194E-03 -0.4654E-05 0.7219E-02 -0.2626E-03 0.4022E-03 -0.1916E-03

-0.3411E-03 -0.3157E-03 -0.1090E-03 -0.1174E-03 -0.5340E-02 0.3759E-03 -0.2421E-03 0.5022E-03 -0.3496E-04 -0.1462E-03

-0.4661E-03 3.3012E-03 -0.5311E-03 0.1455E-03 -0.4307E-05 0.2172E-03 -0.1705E-03 0.6631E-02 0.3631E-03 0.6562E-03

0.1262E-03 -0.1554E-02 0.5613E-03 -0.1557E-02 0.2036E-03 -0.1102E-02 -0.1194E-03 -0.4013E-03 -0.2567E-02 -0.3504E-04 -0.2531E-02 0.4457E-03 -0.2862E-03

0.4851E-02 -0.2505E-02 0.0307E-02 -0.1620E-02 0.3659E-02 -0.0513E-03 0.3008E-02 -0.3268E-02 0.5524E-03 -0.2950E-02 0.4572E-03 0.1927E-02 0.1227E-02 0.7792E-03 0.1559E-02

-0.4891E-03 -0.3934E-02 -0.2834E-02 -0.1139E-03 -0.3494E-02 0.1995E-03 -0.3268E-02 0.5524E-03 -0.2950E-02 0.4572E-03 0.1927E-02 0.1227E-02 0.7792E-03 0.1559E-02

-0.7919E-03 0.1571E-02 -0.4335E-05 0.1327E-02 -0.1003E-03 0.1094E-02 -0.3140E-04 0.8259E-03 0.2056E-03 0.4157E-03 0.1727E-03 0.5899E-03 0.4013E-03

-0.4398E-03 -0.3610E-04 -0.1722E-04 -0.3564E-03 -0.1252E-04 -0.4771E-03 0.4095E-03 -0.3759E-03 0.7422E-03 -0.2957E-03 -0.1902E-03 0.9185E-03 -0.1514E-03

-0.1821E-02 0.1194E-02 -0.1516E-02 0.1129E-02 -0.1720E-02 0.5034E-03 -0.1704E-02 0.8108E-03 -0.1309E-02 0.4660E-03 -0.4716E-03 0.8773E-02 -0.4494E-03 0.5327E-03

0.1819E-02 -0.5170E-03 0.1525E-02 -0.8219E-04 0.1091E-02 -0.7131E-03 0.5024E-03 -0.2508E-03 -0.4615E-04 -0.3754E-03

0.1247E-03 -0.8430E-05 -0.4096E-04 0.3411E-03 -0.1444E-02 0.7199E-03 -0.2637E-03 0.1200E-02 -0.4056E-03 0.1889E-02 -0.6476E-03 0.1635E-02

AD-A067 405

NEW YORK UNIV BRONX GEOPHYSICAL SCIENCES LAB

F/G 4/2

A THREE DIMENSIONAL MODEL OF THE WIND DRIVEN HORIZONTAL VELOCIT--ETC(U)

OCT 63 E S HASSAN, F D MALONE

N62306-794

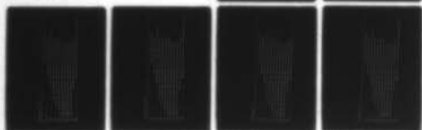
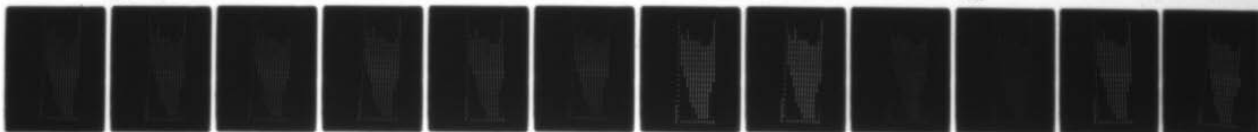
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3 OF 3

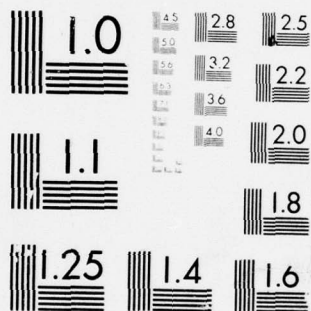
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DATE
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5N	02.5N	07.5S
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

-0.1266E-02 -0.2322E-02 -0.1852E-02 -0.1658E-02 0.1658E-02 -0.1851E-02

0.1166E-03 0.2114E-03 -0.6441E-05 0.7214E-03 -0.2626E-02 0.4432E-03 -0.1416E-03

-0.3411E-03 -0.3157E-03 -0.1090E-03 -0.5160E-03 0.1174E-03 -0.5321E-03 0.3158E-03 -0.2471E-03 0.1652E-03 -0.1442E-03

-0.6481E-03 0.3012E-03 -0.5511E-03 0.1455E-03 -0.4307E-03 0.2175E-03 -0.1768E-03 0.5667E-04 0.4681E-03 0.4658E-03

0.7262E-03 -0.1554E-02 0.5613E-03 -0.1357E-02 0.2036E-03 -0.1102E-02 -0.1194E-03 -0.4613E-03 -0.2567E-02 -0.4454E-04 -0.2491E-02 0.4451E-03 -0.2852E-03

0.4485E-02 -0.2501E-02 0.4307E-02 -0.1620E-02 0.3658E-02 -0.4513E-03 0.1995E-03 -0.3484E-02 0.1995E-03 -0.3484E-02 0.1995E-03 -0.3484E-02 0.1995E-03 -0.3484E-02

-0.4841E-03 -0.3924E-02 -0.2644E-02 -0.1139E-03 -0.5647E-02 -0.1139E-03 -0.5647E-02 -0.1139E-03 -0.5647E-02 -0.1139E-03 -0.5647E-02 -0.1139E-03 -0.5647E-02 -0.1139E-03

-0.7919E-03 0.1577E-02 -0.4315E-03 0.1326E-02 -0.1608E-03 0.1094E-02 -0.4140E-04 0.8758E-03 0.2054E-03 0.4157E-03 0.3972E-03 0.1732E-02 0.5647E-02 0.4471E-02

-0.4388E-03 -0.3610E-04 -0.1722E-03 -0.3624E-03 -0.1252E-04 -0.4771E-03 0.4093E-03 -0.3759E-03 0.7922E-03 -0.2457E-03 0.8504E-03 -0.1962E-02 0.5185E-03 -0.3544E-03

-0.6021E-02 0.1142E-02 -0.1636E-02 0.1124E-02 -0.1720E-02 0.5034E-03 -0.1704E-02 0.8308E-03 -0.1305E-02 0.9660E-03 -0.4736E-03 0.8772E-02 -0.4464E-02 0.5321E-03

0.1819E-02 -0.5170E-03 0.1525E-02 -0.8218E-04 0.1691E-02 -0.7131E-04 0.5021E-02 -0.2504E-02 -0.4487E-04 -0.3725E-03

0.1241E-03 -0.8430E-05 -0.4684E-04 0.3411E-03 -0.1648E-02 0.7184E-02 -0.2651E-03 0.1262E-02 -0.4034E-03 0.1689E-02 -0.6476E-03 0.1935E-02

STRENGTH FUNCTION IN UNITS OF CM**2/SEC. AT LEVEL NO. 28

	82.5N	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5N	07.5E
57.5N																		
52.5N																		
47.5N																		
42.5N																		
37.5N																		
32.5N																		
27.5N																		
22.5N																		
17.5N																		
12.5N																		
07.5N																		
02.5N																		

0.4752E 0N 0.1054E 05 -0.3242E 0N 0.2036E 05 -0.2446E 0N 0.4346E 05

0.4394E 05 0.5382E 0N 0.4613E 05 0.4814E 0N 0.4778E 05 0.6769E 0N 0.3371E 05

-0.4759E 05 0.3790E 0N -0.3644E 05 0.1350E 05 -0.2653E 05 0.1624E 05 -0.2310E 05 0.1176E 05 -0.2772E 05 -0.1301E 05 -0.2851E 05

0.6167E 05 0.9487E 0N 0.5841E 05 0.1408E 05 0.5698E 05 0.2204E 05 0.5381E 05 0.4354E 05 0.1585E 05 0.2322E 05 -0.2194E 0N

-0.1105E 0E 0.2512E 0N -0.1097E 0E 0.1374E 05 -0.8721E 05 0.2355E 05 -0.6039E 05 0.2786E 05 -0.5172E 05 0.2165E 05 -0.6455E 05 0.5002E 0N -0.8627E 05

-0.2719E 0E -0.1162E 0E -0.2231E 0E -0.1965E 0E -0.1751E 0E -0.2721E 0E -0.1326E 0E -0.919E 05 -0.4655E 0E -0.7715E 05 -0.6462E 0E -0.7645E 05 -0.5109E 0E

-0.2682E 07 -0.1141E 0E -0.2623E 07 -0.2911E 0E -0.2536E 07 -0.2704E 0E -0.2462E 07 -0.2579E 0E -0.2402E 07 -0.2615E 0E -0.2310E 07 -0.2756E 0E -0.2254E 07

0.2372E 0E 0.7477E 05 0.2091E 0E 0.1143E 0E 0.1824E 0E 0.1406E 0E 0.1564E 0E 0.1618E 0E 0.1254E 0E 0.1707E 0E 0.5248E 05 0.1702E 0E 0.5358E 05 0.1512E 0E

0.1490E 05 0.6824E 0N 0.2402E 05 0.3193E 05 0.2413E 05 0.5590E 05 0.2494E 05 0.2786E 05 0.1135E 05 0.1553E 05 -0.4254E 0N 0.7223E 07 -0.2444E 05

0.1861E 0E 0.2619E 05 0.1801E 0E 0.3444E 05 0.1724E 05 0.5584E 05 0.1685E 0E 0.4650E 05 0.1545E 0E 0.5649E 05 0.4410E 05 0.4474E 05 0.5402E 05

-0.1419E 0E -0.1714E 05 -0.1256E 0E -0.2217E 05 -0.1664E 0E -0.2652E 0N -0.7674E 05 -0.2025E 05 -0.9871E 05 -0.5023E 0N

0.3595E 05 -0.1904E 05 0.3610E 05 -0.3876E 05 0.2147E 05 -0.5171E 05 0.1424E 05 -0.7347E 05 0.4450E 0N -0.8324E 05 0.1898E 05 -0.3674E 05

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28

27.5m	77.5	72.5	67.5	62.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	07.5	02.5m
57.5m																
52.5m																
47.5m																
42.5m																
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32.5m																
27.5m																
22.5m																
17.5m																
12.5m																
07.5m																
02.5m																

	62.5k	77.5k	122.5k	167.5k	212.5k	257.5k	302.5k	347.5k	392.5k	437.5k	482.5k	527.5k	572.5k	617.5k	662.5k	707.5k	752.5k	797.5k	842.5k	887.5k	932.5k	977.5k	1022.5k	1067.5k	1112.5k	1157.5k	1202.5k	1247.5k	1292.5k	1337.5k	1382.5k	1427.5k	1472.5k	1517.5k	1562.5k	1607.5k	1652.5k	1697.5k	1742.5k	1787.5k	1832.5k	1877.5k	1922.5k	1967.5k	2012.5k	2057.5k	2102.5k	2147.5k	2192.5k	2237.5k	2282.5k	2327.5k	2372.5k	2417.5k	2462.5k	2507.5k	2552.5k	2597.5k	2642.5k	2687.5k	2732.5k	2777.5k	2822.5k	2867.5k	2912.5k	2957.5k	3002.5k	3047.5k	3092.5k	3137.5k	3182.5k	3227.5k	3272.5k	3317.5k	3362.5k	3407.5k	3452.5k	3497.5k	3542.5k	3587.5k	3632.5k	3677.5k	3722.5k	3767.5k	3812.5k	3857.5k	3902.5k	3947.5k	3992.5k	4037.5k	4082.5k	4127.5k	4172.5k	4217.5k	4262.5k	4307.5k	4352.5k	4397.5k	4442.5k	4487.5k	4532.5k	4577.5k	4622.5k	4667.5k	4712.5k	4757.5k	4802.5k	4847.5k	4892.5k	4937.5k	4982.5k	5027.5k	5072.5k	5117.5k	5162.5k	5207.5k	5252.5k	5297.5k	5342.5k	5387.5k	5432.5k	5477.5k	5522.5k	5567.5k	5612.5k	5657.5k	5702.5k	5747.5k	5792.5k	5837.5k	5882.5k	5927.5k	5972.5k	6017.5k	6062.5k	6107.5k	6152.5k	6197.5k	6242.5k	6287.5k	6332.5k	6377.5k	6422.5k	6467.5k	6512.5k	6557.5k	6602.5k	6647.5k	6692.5k	6737.5k	6782.5k	6827.5k	6872.5k	6917.5k	6962.5k	7007.5k	7052.5k	7097.5k	7142.5k	7187.5k	7232.5k	7277.5k	7322.5k	7367.5k	7412.5k	7457.5k	7502.5k	7547.5k	7592.5k	7637.5k	7682.5k	7727.5k	7772.5k	7817.5k	7862.5k	7907.5k	7952.5k	7997.5k	8042.5k	8087.5k	8132.5k	8177.5k	8222.5k	8267.5k	8312.5k	8357.5k	8402.5k	8447.5k	8492.5k	8537.5k	8582.5k	8627.5k	8672.5k	8717.5k	8762.5k	8807.5k	8852.5k	8897.5k	8942.5k	8987.5k	9032.5k	9077.5k	9122.5k	9167.5k	9212.5k	9257.5k	9302.5k	9347.5k	9392.5k	9437.5k	9482.5k	9527.5k	9572.5k	9617.5k	9662.5k	9707.5k	9752.5k	9797.5k	9842.5k	9887.5k	9932.5k	9977.5k	10022.5k	10067.5k	10112.5k	10157.5k	10202.5k	10247.5k	10292.5k	10337.5k	10382.5k	10427.5k	10472.5k	10517.5k	10562.5k	10607.5k	10652.5k	10697.5k	10742.5k	10787.5k	10832.5k	10877.5k	10922.5k	10967.5k	11012.5k	11057.5k	11102.5k	11147.5k	11192.5k	11237.5k	11282.5k	11327.5k	11372.5k	11417.5k	11462.5k	11507.5k	11552.5k	11597.5k	11642.5k	11687.5k	11732.5k	11777.5k	11822.5k	11867.5k	11912.5k	11957.5k	12002.5k	12047.5k	12092.5k	12137.5k	12182.5k	12227.5k	12272.5k	12317.5k	12362.5k	12407.5k	12452.5k	12497.5k	12542.5k	12587.5k	12632.5k	12677.5k	12722.5k	12767.5k	12812.5k	12857.5k	12902.5k	12947.5k	12992.5k	13037.5k	13082.5k	13127.5k	13172.5k	13217.5k	13262.5k	13307.5k	13352.5k	13397.5k	13442.5k	13487.5k	13532.5k	13577.5k	13622.5k	13667.5k	13712.5k	13757.5k	13802.5k	13847.5k	13892.5k	13937.5k	13982.5k	14027.5k	14072.5k	14117.5k	14162.5k	14207.5k	14252.5k	14297.5k	14342.5k	14387.5k	14432.5k	14477.5k	14522.5k	14567.5k	14612.5k	14657.5k	14702.5k	14747.5k	14792.5k	14837.5k	14882.5k	14927.5k	14972.5k
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[illegible]

[illegible]

0.4546E 02 0.3421E 02 0.2208E 02 0.1512E 02 0.857E 01 -0.1968E 01

0.1805E 02 0.513CE CC -0.1034C 02 -0.1425E 02 -C.133E 02 -0.3772E 01 -0.3714E 01

-0.1577E 02 -0.1991E 02 -0.2918E 02 -0.4218E 02 -0.5851E 02 -0.8055E 02 -0.2389E 02 -0.1416E 02 -0.5006E 01 0.4875E-00 -0.8840E 00

-0.655E 01 -0.1024E 02 -0.2043E 02 -0.3470E 02 -0.4540E 02 -0.5123E 02 -0.5176E 02 -0.4714E 02 -0.3540E 02 -0.2002E 02 -0.5203E 01

-0.356E 02 -0.4574E 02 -0.4899E 02 -0.5599E 02 -0.6153E 02 -0.6824E 02 -0.6589E 02 -0.6014E 02 -0.4945E 02 -0.3743E 02 -0.2555E 02 -0.3515E 01

-0.8525E 02 -0.7998E 02 -0.8722E 02 -0.8327E 02 -0.8235E 02 -0.7821E 02 -0.7181E 02 -0.6371E 02 -0.4971E 02 -0.3402E 02 -0.1857E 02 -0.3481E 01

-0.8966E 02 -0.1000E 03 -0.9303E 02 -0.9769E 02 -0.8780E 02 -0.8586E 02 -0.7391E 02 -0.6491E 02 -0.4716E 02 -0.3476E 02 -0.1015E 02 0.2174E 01

-0.758E 02 -0.9818E 02 -0.817E 02 -0.961E 02 -0.7350E 02 -0.6941E 02 -0.5801E 02 -0.478E 02 -0.3925E 02 -0.3474E 02 -0.3262E 01

0.524E 02 -0.708E 02 -0.661E 02 -0.704E 02 -0.382E 02 -0.485E 02 -0.450E 02 -0.241E 02 -0.774E 01 -0.264E 01 -0.167E 03

0.119E 02 -0.241E 02 -0.328E 02 -0.151E 02 -0.298E 02 -0.140E 02 -0.831E 01 -0.104E 01 -0.104E 01 -0.104E 01

Case	Age	Sex	Occupation	Duration of illness	Site of lesion	Pathological findings	Diagnosis
1	45	M	Teacher	10 years	Brain	Chronic inflammation	Chronic encephalitis
2	55	F	Homemaker	5 years	Brain	Chronic inflammation	Chronic encephalitis
3	65	M	Retired	15 years	Brain	Chronic inflammation	Chronic encephalitis
4	75	F	Homemaker	20 years	Brain	Chronic inflammation	Chronic encephalitis
5	85	M	Retired	25 years	Brain	Chronic inflammation	Chronic encephalitis
6	95	F	Homemaker	30 years	Brain	Chronic inflammation	Chronic encephalitis
7	105	M	Retired	35 years	Brain	Chronic inflammation	Chronic encephalitis
8	115	F	Homemaker	40 years	Brain	Chronic inflammation	Chronic encephalitis
9	125	M	Retired	45 years	Brain	Chronic inflammation	Chronic encephalitis
10	135	F	Homemaker	50 years	Brain	Chronic inflammation	Chronic encephalitis

62.5

	82.5M	77.5	81.5	82.5	57.5	52.5	47.5	42.5	37.5	32.5	27.5	22.5	17.5	12.5	7.5	07.5E
57.5N										0.1236E-07	0.1267E-06	0.1241E-06	0.0370E-07	0.3702E-07	0.5213E-09	02.5E
52.5N								0.2713E-06	0.3593E-06	0.0821E-06	0.7061E-06	0.4405E-06	0.3278E-06	0.1106E-06		
47.5N						0.3524E-06	0.4524E-06	0.7447E-06	0.5230E-06	0.3385E-06	0.2649E-06	0.1756E-06	0.0935E-07	0.5952E-09	0.2993E-08	
42.5N			0.2747E-06	0.4267E-06	0.4577E-06	0.3577E-06	0.3158E-06	0.3245E-06	0.2423E-06	0.2275E-06	0.1801E-06	0.1259E-06	0.4774E-07	0.1761E-07		
37.5N		0.5648E-06	0.3136E-06	0.6010E-06	0.6617E-06	0.4600E-06	0.3416E-06	0.2235E-06	0.1847E-06	0.0800E-07	0.3587E-08	0.2410E-07	0.1654E-07	0.08959E-08		
32.5N	0.7221E-06	0.5420E-06	0.5625E-06	0.5576E-06	0.4394E-06	0.4198E-06	0.2731E-06	0.1811E-06	0.1231E-07	0.6593E-07	0.6757E-08	0.7152E-07	0.8054E-07	0.4332E-07		
27.5N	0.4199E-06	0.2927E-06	0.2208E-06	0.1415E-06	0.1866E-06	0.0714E-07	0.1013E-06	0.0756E-07	0.1548E-06	0.1434E-06	0.1822E-06	0.2210E-06	0.2226E-06	0.2653E-07		
22.5N	0.3875E-06	0.2257E-06	0.3450E-06	0.3134E-06	0.2408E-06	0.2553E-06	0.2710E-06	0.3482E-06	0.4492E-06	0.3565E-06	0.3818E-07	0.2968E-06	0.2759E-06			
17.5N	0.4812E-06	0.5667E-06	0.8497E-07	0.6337E-06	0.1922E-06	0.3972E-06	0.5008E-06	0.4896E-06	0.4442E-06	0.5181E-06	0.3774E-06	0.3118E-06	0.2211E-07			
12.5N	0.5623E-06	0.4817E-06	0.4202E-06	0.3144E-06	0.1611E-06	0.1986E-05	0.8109E-06	0.4946E-06	0.6857E-06	0.5610E-06	0.2995E-06	0.8493E-07	0.1564E-06			
07.5N				0.2929E-06	0.3182E-06	0.0557E-06	0.3662E-06	0.0557E-06	0.4312E-06	0.3504E-07	0.1264E-06	0.1781E-06	0.1425E-06	0.3374E-07		
02.5N							0.4393E-06	0.2942E-06	0.4279E-06	0.3557E-06	0.2637E-06	0.1218E-06	0.3066E-07	0.2637E-07	0.0	0.0

	33.5	37.5	41.5	45.5	49.5	53.5	57.5	61.5	65.5	69.5	73.5	77.5	81.5	85.5	89.5	93.5	97.5	101.5	105.5	109.5	113.5	117.5	121.5	125.5	129.5	133.5	137.5	141.5	145.5	149.5	153.5	157.5	161.5	165.5	169.5	173.5	177.5	181.5	185.5	189.5	193.5	197.5	201.5	205.5	209.5	213.5	217.5	221.5	225.5	229.5	233.5	237.5	241.5	245.5	249.5	253.5	257.5	261.5	265.5	269.5	273.5	277.5	281.5	285.5	289.5	293.5	297.5	301.5	305.5	309.5	313.5	317.5	321.5	325.5	329.5	333.5	337.5	341.5	345.5	349.5	353.5	357.5	361.5	365.5	369.5	373.5	377.5	381.5	385.5	389.5	393.5	397.5	401.5	405.5	409.5	413.5	417.5	421.5	425.5	429.5	433.5	437.5	441.5	445.5	449.5	453.5	457.5	461.5	465.5	469.5	473.5	477.5	481.5	485.5	489.5	493.5	497.5	501.5	505.5	509.5	513.5	517.5	521.5	525.5	529.5	533.5	537.5	541.5	545.5	549.5	553.5	557.5	561.5	565.5	569.5	573.5	577.5	581.5	585.5	589.5	593.5	597.5	601.5	605.5	609.5	613.5	617.5	621.5	625.5	629.5	633.5	637.5	641.5	645.5	649.5	653.5	657.5	661.5	665.5	669.5	673.5	677.5	681.5	685.5	689.5	693.5	697.5	701.5	705.5	709.5	713.5	717.5	721.5	725.5	729.5	733.5	737.5	741.5	745.5	749.5	753.5	757.5	761.5	765.5	769.5	773.5	777.5	781.5	785.5	789.5	793.5	797.5	801.5	805.5	809.5	813.5	817.5	821.5	825.5	829.5	833.5	837.5	841.5	845.5	849.5	853.5	857.5	861.5	865.5	869.5	873.5	877.5	881.5	885.5	889.5	893.5	897.5	901.5	905.5	909.5	913.5	917.5	921.5	925.5	929.5	933.5	937.5	941.5	945.5	949.5	953.5	957.5	961.5	965.5	969.5	973.5	977.5	981.5	985.5	989.5	993.5	997.5	1001.5	1005.5	1009.5	1013.5	1017.5	1021.5	1025.5	1029.5	1033.5	1037.5	1041.5	1045.5	1049.5	1053.5	1057.5	1061.5	1065.5	1069.5	1073.5	1077.5	1081.5	1085.5	1089.5	1093.5	1097.5	1101.5	1105.5	1109.5	1113.5	1117.5	1121.5	1125.5	1129.5	1133.5	1137.5	1141.5	1145.5	1149.5	1153.5	1157.5	1161.5	1165.5	1169.5	1173.5	1177.5	1181.5	1185.5	1189.5	1193.5	1197.5	1201.5	1205.5	1209.5	1213.5	1217.5	1221.5	1225.5	1229.5	1233.5	1237.5	1241.5	1245.5	1249.5	1253.5	1257.5	1261.5	1265.5	1269.5	1273.5	1277.5	1281.5	1285.5	1289.5	1293.5	1297.5	1301.5	1305.5	1309.5	1313.5	1317.5	1321.5	1325.5	1329.5	1333.5	1337.5	1341.5	1345.5	1349.5	1353.5	1357.5	1361.5	1365.5	1369.5	1373.5	1377.5	1381.5	1385.5	1389.5	1393.5	1397.5	1401.5	1405.5	1409.5	1413.5	1417.5	1421.5	1425.5	1429.5	1433.5	1437.5	1441.5	1445.5	1449.5	1453.5	1457.5	1461.5	1465.5	1469.5	1473.5	1477.5	1481.5	1485.5	1489.5	1493.5	1497.5	1501.5	1505.5	1509.5	1513.5	1517.5	1521.5	1525.5	1529.5	1533.5	1537.5	1541.5	1545.5	1549.5	1553.5	1557.5	1561.5	1565.5	1569.5	1573.5	1577.5	1581.5	1585.5	1589.5	1593.5	1597.5	1601.5	1605.5	1609.5	1613.5	1617.5	1621.5	1625.5	1629.5	1633.5	1637.5	1641.5	1645.5	1649.5	1653.5	1657.5	1661.5	1665.5	1669.5	1673.5	1677.5	1681.5	1685.5	1689.5	1693.5	1697.5	1701.5	1705.5	1709.5	1713.5	1717.5	1721.5	1725.5	1729.5	1733.5	1737.5	1741.5	1745.5	1749.5	1753.5	1757.5	1761.5	1765.5	1769.5	1773.5	1777.5	1781.5	1785.5	1789.5	1793.5	1797.5	1801.5	1805.5	1809.5	1813.5	1817.5	1821.5	1825.5	1829.5	1833.5	1837.5	1841.5	1845.5	1849.5	1853.5	1857.5	1861.5	1865.5	1869.5	1873.5	1877.5	1881.5	1885.5	1889.5	1893.5	1897.5	1901.5	1905.5	1909.5	1913.5	1917.5	1921.5	1925.5	1929.5	1933.5	1937.5	1941.5	1945.5	1949.5	1953.5	1957.5	1961.5	1965.5	1969.5	1973.5	1977.5	1981.5	1985.5	1989.5	1993.5	1997.5	2001.5	2005.5	2009.5	2013.5	2017.5	2021.5	2025.5	2029.5	2033.5	2037.5	2041.5	2045.5	2049.5	2053.5	2057.5	2061.5	2065.5	2069.5	2073.5	2077.5	2081.5	2085.5	2089.5	2093.5	2097.5	2101.5	2105.5	2109.5	2113.5	2117.5	2121.5	2125.5	2129.5	2133.5	2137.5	2141.5	2145.5	2149.5	2153.5	2157.5	2161.5	2165.5	2169.5	2173.5	2177.5	2181.5	2185.5	2189.5	2193.5	2197.5	2201.5	2205.5	2209.5	2213.5	2217.5	2221.5	2225.5	2229.5	2233.5	2237.5	2241.5	2245.5	2249.5	2253.5	2257.5	2261.5	2265.5	2269.5	2273.5	2277.5	2281.5	2285.5	2289.5	2293.5	2297.5	2301.5	2305.5	2309.5	2313.5	2317.5	2321.5	2325.5	2329.5	2333.5	2337.5	2341.5	2345.5	2349.5	2353.5	2357.5	2361.5	2365.5	2369.5	2373.5	2377.5	2381.5	2385.5	2389.5	2393.5	2397.5	2401.5	2405.5	2409.5	2413.5	2417.5	2421.5	2425.5	2429.5	2433.5	2437.5	2441.5	2445.5	2449.5	2453.5	2457.5	2461.5	2465.5	2469.5	2473.5	2477.5	2481.5	2485.5	2489.5	2493.5	2497.5	2501.5	2505.5	2509.5	2513.5	2517.5	2521.5	2525.5	2529.5	2533.5	2537.5	2541.5	2545.5	2549.5	2553.5	2557.5	2561.5	2565.5	2569.5	2573.5	2577.5	2581.5	2585.5	2589.5	2593.5	2597.5	2601.5	2605.5	2609.5	2613.5	2617.5	2621.5	2625.5	2629.5	2633.5	2637.5	2641.5	2645.5	2649.5	2653.5	2657.5	2661.5	2665.5	2669.5	2673.5	2677.5	2681.5	2685.5	2689.5	2693.5	2697.5	2701.5	2705.5	2709.5	2713.5	2717.5	2721.5	2725.5	2729.5	2733.5	2737.5	2741.5	2745.5	2749.5	2753.5	2757.5	2761.5	2765.5	2769.5	2773.5	2777.5	2781.5	2785.5	2789.5	2793.5	2797.5	2801.5	2805.5	2809.5	2813.5	2817.5	2821.5	2825.5	2829.5	2833.5	2837.5	2841.5	2845.5	2849.5	2853.5	2857.5	2861.5	2865.5	2869.5	2873.5	2877.5	2881.5	2885.5	2889.5	2893.5	2897.5	2901.5	2905.5	2909.5	2913.5	2917.5	2921.5	2925.5	2929.5	2933.5	2937.5	2941.5	2945.5	2949.5	2953.5	2957.5	2961.5	2965.5	2969.5	2973.5	2977.5	2981.5	2985.5	2989.5	2993.5	2997.5	3001.5	3005.5	3009.5	3013.5	3017.5	3021.5	3025.5	3029.5	3033.5	3037.5	3041.5	3045.5	3049.5	3053.5	3057.5	3061.5	3065.5	3069.5	3073.5	3077.5	3081.5	3085.5	3089.5	3093.5	3097.5	3101.5	3105.5	3109.5	3113.5	3117.5	3121.5	3125.5	3129.5	3133.5	3137.5	3141.5	3145.5	3149.5	3153.5	3157.5	3161.5	3165.5	3169.5	3173.5	3177.5	3181.5	3185.5	3189.5	3193.5	3197.5	3201.5	3205.5	3209.5	3213.5	3217.5	3221.5	3225.5	3229.5	3233.5	3237.5	3241.5	3245.5	3249.5	3253.5	3257.5	3261.5	3265.5	3269.5	3273.5	3277.5	3281.5	3285.5	3289.5	3293.5	3297.5	3301.5	3305.5	3309.5	3313.5	3317.5	3321.5	3325.5	3329.5	3333.5	3337.5	3341.5	3345.5	3349.5	3353.5	3357.5	3361.5	3365.5	3369.5	3373.5	3377.5	3381.5	3385.5	3389.5	3393.5	3397.5	3401.5	3405.5	3409.5	3413.5	3417.5	3421.5	3425.5	3429.5	3433.5	3437.5	3441.5	3445.5	3449.5	3453.5	3457.5	3461.5	3465.5	3469.5	3473.5	3477.5	3481.5	3485.5	3489.5	3493.5	3497.5	3501.5	3505.5	3509.5	3513.5	3517.5	3521.5	3525.5	3529.5	3533.5	3537.5	3541.5	3545.5	3549.5	3553.5	3557.5	3561.5	3565.5	3569.5	3573.5	3577.5	3581.5	3585.5	3589.5	3593.5	3597.5	3601.5	3605.5	3609.5	3613.5	3617.5	3621.5	3625.5	3629.5	3633.5	3637.5	3641.5	3645.5	3649.5	3653.5	3657.5	3661.5	3665.5	3669.5	3673.5	3677.5	3681.5	3685.5	3689.5	3693.5	3697.5	3701.5	3705.5	3709.5	3713.5	3717.5	3721.5	3725.5	3729.5	3733.5	3737.5	3741.5	3745.5	3749.5	3753.5	3757.5	3761.5	3765.5	3769.5	3773.5	3777.5	3781.5	3785.5	3789.5	3793.5	3797.5	3801.5	3805.5	3809.5	3813.5	3817.5	3821.5	3825.5	3829.5	3833.5	3837.5	3841.5	3845.5	3849.5	3853.5	3857.5	3861.5	3865.5	3869.5	3873.5	3877.5	3881.5	3885.5	3889.5	3893.5	3897.5	3901.5	3905.5	3909.5	3913.5	3917.5	3921.5	3925.5	3929.5	3933.5	3937.5	3941.5	3945.5	3949.5	3953.5	3957.5	3961.5	3965.5	3969.5	3973.5	3977.5	3981.5	3985.5	3989.5	3993.5	3997.5	4001.5	4005.5	4009.5	4013.5	4017.5	4021.5	4025.5	4029.5	4033.5	4037.5	4041.5	4045.5	4049.5	4053.5	4057.5	4061.5	4065.5	4069.5	4073.5	4077.5	4081.5	4085.5	4089.5	4093.5	4097.5	4101.5	4105.5	4109.5	4113.5	4117.5	4121.5	4125.5	4129.5	4133.5	4137.5	4141.5	4145.5	4149.5	4153.5	4157.5	4161.5	4165.5	4169.5	4173.5	4177.5	4181.5	4185.5	4189.5	4193.5	4197.5	4201.5	4205.5	4209.5	4213.5	4217.5	4221.5	4225.5	4229.5	4233.5	4237.5	4241.5	4245.5	4249.5	4253.5	4257.5	4261.5	4265.5	4269.5	4273.5	4277.5	4281.5	4285.5	4289.5	4293.5	4297.5	4301.5	4305.5	4309.5	4313.5	4317.5	4321.5	4325.5	4329.5	4333.5	4337.5	4341.5	4345.5	4349.5	4353.5	4357.5	4361.5	4365.5	4369.5	4373.5	4377.5	4381.5	4385.5	4389.5	4393.5	4397.5	4401.5	4405.5	4409.5	4413.5	4417.5	4421.5	4425.5	4429.5	4433.5	4437.5	4441.5	4445.5	4449.5	4453.5	4457.5	4461.5	4465.5	4469.5	4473.5	4477.5	4481.5	4485.5	4489.5	4493.5	4497.5	4501.5	4505.5	4509.5	4513.5	4517.5	4521.5	4525.5	4529.5	4533.5	4537.5	4541.5	4545.5	4549.5	4553.5	4557.5	4561.5	4565.5	4569.5	4573.5	4577.5	4581.5	4585.5	4589.5	4593.5
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